Ohio Labor Market Information

Labor Market Review

June 1991

Summary. Ohio's seasonally adjusted unemployment rate rose from 5.6 percent in May 1991 to 6.4 percent in June 1991. The national rate increased from 6.9 percent to 7.0 percent over the month. Total employment in Ohio was down 63,000 from May to 5,100,000 in June. There were 347,000 unemployed Ohioans in June, 43,000 more than in May. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,927,000 in June, was up 10,000 from May. (See page 3.)

Goods-Producing Industries. Employment in goods-producing industries advanced 3,000 from May to 1,300,000 in June. Manufacturing employment increased 2,000, as gains in transportation equipment and rubber and miscellaneous plastics products were partially offset by declines in stone, clay, and glass products and industrial machinery and equipment. Growth in special trade contractors employment boosted construction 1,000. Mining employment was virtually unchanged from May.

Service-Producing Industries. There were 3,627,000 people employed in service-producing industries in June, up 7,000 from May. Services and government rose 3,000 each, while retail trade added 2,000 jobs. Little employment change occurred in wholesale trade or finance, insurance, and real estate. Employment in transportation and public utilities declined 1,000 over the month.

Over the Year. Ohio's unemployment rate increased from 5.4 percent in June 1990 to 6.4 percent in June 1991. The U.S. rate rose from 5.3 percent to 7.0 percent during the same period. Total employment in Ohio was down 29,000 from June 1990, while total unemployment was 55,000 higher. Nonfarm payroll employment advanced 23,000 over the year. Employment in services was up 44,000 due largely to increases in health and business services. All other service-producing industries showed gains from June 1990. Manufacturing employment was down 37,000 over the year. Employment in most durable-goods industries was substantially below the year-ago level. The largest declines were in industrial machinery and equipment (-9,000) and fabricated metal products (-8,000). Construction employment rose 3,000, while mining employment declined 1,000 over the year.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $563.17 per week in June, up $19.82 from May. Their average workweek of 42.6 hours was 0.9 hours longer. Nearly all manufacturing industries had higher earnings due to more overtime. The most significant increases were in motor vehicles and equipment, metal forgings and stampings, blast furnace and basic steel products, iron and steel foundries, and miscellaneous plastics products.

Benefits and Costs. There were 49,716 initial claims filed under the Ohio Unemployment Compensation Law in June, down 24.2 percent from May, but up 30.5 percent from June 1990.

Ohio Bureau of Employment Services
George V. Voinovich, Governor James Conrad, Administrator

Total benefits paid dropped 25.8 percent to $71.2 million. The average weekly benefit check of $174.88 was $3.13 lower than in May. The average weekly number of benefit recipients, at 102,180, decreased 13.5 percent. At the end of June, there were 209,094 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services served 32,663 new job applicants in June, down 1.4 percent from May, but up 0.3 percent from June 1990. The Employment Services Division made 23,073 job referrals in June, down 21.3 percent over the month. There were 6,589 total placements made, up 36.6 percent.

Occupational Wage and Employment Survey Underway

Many Ohio employers in the nonmanufacturing sector are being asked to participate in the Occupational Employment Statistics (OES) survey. The OES survey provides baseline information on the occupational composition of jobs and wages by occupations in Ohio. These data have many uses, including being a major input in developing projections of future employment patterns and training needs. OES data are also helpful in market research targeted toward specific groups of workers and in developing company staffing strategies.

Occupational Employment Statistics are obtained by a mail survey of a sample of employers in nonagricultural industries. Information provided by individual employers is confidential and will not be identifiable in OES publications. For further information on the OES survey, contact Rick Greene at (614) 644–2689, or write:

Ohio Bureau of Employment Services
Labor Market Information Division
P.O. Box 1618
Columbus, Ohio 43216

In This Issue

Summary 1
Seasonally Adjusted Series
Current Data 3
Historical Data 5
Civilian Labor Force and Nonagricultural Wage and Salary Employment Graphs 6
Nonseasonally Adjusted Series
Historical Data 7
Current Data 10

Akron PMSA Data 14
Canton MSA Data 18
Cincinnati PMSA Data 22
Cleveland PMSA Data 26
Columbus MSA Data 30
Dayton–Springfield MSA Data 34
Toledo MSA Data 38
Youngstown–Warren MSA Data 42

Hamilton–Middletown PMSA 46
Lima MSA 48
Lorain–Elyria PMSA 50
Mansfield MSA 52
Steubenville–Weirton MSA 54

Technical Notes 56
Employment Service Activities and Unemployment Insurance Activities 57

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jun. 1991	May 1991	Jun. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,447	5,467	5,421	-20	26	-.4	.5
Employment	5,100	5,163	5,129	-63	-29	-1.2	-.6
Unemployment	347	304	292	43	55	14.1	18.8
Unemployment Rate	6.4	5.6	5.4				
Employer Survey Data[e]							
Total	4,927	4,916	4,903	10	23	.2	.5
Goods-Producing Industries	1,300	1,297	1,334	3	-34	.2	-2.5
Mining	17	17	18	0	-1	-.2	-4.2
Coal Mining	7	7	7	0	0	-.9	-5.3
Oil and Gas Extraction	6	6	6	0	0	.5	-2.3
Construction	200	200	197	1	3	.4	1.7
General Building Contractors	48	48	47	0	0	.0	.9
Heavy Construction, Except Building	25	25	24	0	1	.6	4.0
Special Trade Contractors	128	127	126	1	2	.4	1.6
Manufacturing	1,082	1,080	1,119	2	-37	.2	-3.3
Durable Goods	715	713	750	2	-35	.3	-4.7
Lumber and Wood Products	21	21	22	0	-1	.5	-2.5
Furniture and Fixtures	15	15	15	0	0	-1.4	.7
Stone, Clay, and Glass Products	44	44	46	-1	-2	-1.2	-4.9
Primary Metal Industries	96	96	101	0	-5	-.1	-5.0
Fabricated Metal Products	124	124	132	0	-8	-.1	-6.3
Industrial Machinery and Equipment	157	158	166	-1	-9	-.8	-5.6
Electronic and Other Electric Equipment	77	77	80	0	-3	.2	-3.9
Transportation Equipment	142	138	147	4	-5	3.1	-3.5
Instruments and Related Products	26	26	26	0	-1	.1	-2.5
Nondurable Goods	367	367	369	0	-1	.1	-.4
Food and Kindred Products	64	64	62	0	3	-.4	4.1
Apparel and Other Textile Products	14	14	15	0	0	1.4	-3.0
Paper and Allied Products	37	38	37	0	0	-1.1	-.5
Printing and Publishing	76	76	75	0	1	-.1	1.5
Chemicals and Allied Products	67	67	66	0	1	.2	1.7
Rubber and Misc. Plastics Products	90	90	95	1	-5	.7	-5.0
Service-Producing Industries	3,627	3,620	3,570	7	57	.2	1.6
Transportation and Public Utilities	220	221	219	-1	1	-.3	.5
Transportation	130	129	127	0	2	.1	1.8
Communications, Electric, Gas Services	91	91	92	-1	-1	-.7	-1.5

See footnotes on page 4.

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jun. 1991	May 1991	Jun. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Wholesale Trade	266	265	263	0	3	.1	1.2
Wholesale Trade-Durable Goods	165	165	164	0	1	.1	.6
Wholesale Trade-Nondurable Goods	101	101	99	0	2	.1	2.1
Retail Trade	912	910	911	2	1	.2	.1
Building Materials and Garden Supplies	34	34	34	0	0	-.3	-1.1
General Merchandise Stores	123	123	128	0	-5	.2	-3.6
Food Stores	140	140	141	0	-1	.2	-.5
Automotive Dealers and Service Stations	98	98	99	0	-1	-.1	-.7
Apparel and Accessory Stores	51	50	49	0	2	.9	3.4
Furniture and Homefurnishings Stores	32	32	31	0	0	.4	1.4
Eating and Drinking Places	314	314	312	0	2	.1	.7
Miscellaneous Retail	120	119	117	1	3	.4	2.7
Finance, Insurance, and Real Estate	257	257	255	0	2	.0	.8
Finance	121	121	121	0	0	.2	.3
Depository Institutions	89	89	90	0	0	.1	-.5
Insurance	91	91	91	0	1	-.1	.7
Real Estate	44	44	43	0	1	-.1	2.2
Services	1,239	1,236	1,195	3	44	.2	3.7
Hotels and Other Lodging Places	41	41	39	0	1	.3	3.6
Personal Services	56	55	54	0	1	.3	2.3
Business Services	231	230	219	1	12	.4	5.6
Amusements, Including Motion Pictures	62	63	61	0	1	-.5	2.5
Health Services	410	409	396	1	14	.2	3.5
Legal Services	30	30	29	0	1	.6	3.9
Educational Services	64	64	63	-1	1	-.8	1.3
Social Services	84	83	80	1	4	1.3	5.2
Membership Organizations	79	79	79	0	0	.1	.3
Engineering and Management Services	94	94	90	0	4	.1	4.0
Government	734	731	727	3	6	.4	.9
Federal Government	94	94	101	0	-6	.0	-6.3
State Government	166	166	163	0	3	.3	2.0
State Government Education	88	88	84	0	4	-.4	4.3
Local Government	473	471	464	2	9	.5	2.0
Local Government Education	275	273	267	2	8	.9	3.1

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(In Thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
					1989
5,447	5,138	309	5.7	5.4	June
5,428	5,130	298	5.5	5.3	July
5,428	5,144	284	5.2	5.2	August
5,435	5,140	295	5.4	5.3	September
5,452	5,132	320	5.9	5.3	October
5,420	5,087	333	6.1	5.3	November
5,426	5,102	324	6.0	5.3	December
					1990
5,418	5,074	344	6.3	5.3	January
5,386	5,073	313	5.8	5.3	February
5,408	5,107	301	5.6	5.3	March
5,421	5,106	315	5.8	5.4	April
5,429	5,112	317	5.8	5.3	May
5,421	5,129	292	5.4	5.3	June
5,420	5,115	305	5.6	5.5	July
5,447	5,159	288	5.3	5.6	August
5,447	5,156	291	5.3	5.7	September
5,463	5,148	315	5.8	5.7	October
5,452	5,156	296	5.4	5.9	November
5,488	5,179	309	5.6	6.1	December
					1991
5,383	5,065	318	5.9	6.2	January
5,384	5,007	377	7.0	6.5	February
5,470	5,073	397	7.3	6.8	March
5,523	5,124	399	7.2	6.6	April
5,467	5,163	304	5.6	6.9	May
5,447	5,100	347	6.4	7.0	June

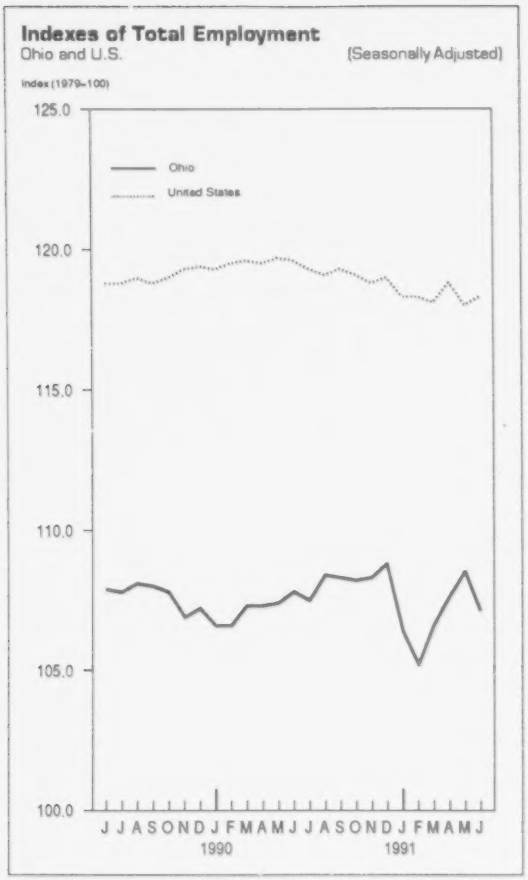
Ohio Nonagricultural Wage and Salary Employment
(In Thousands)

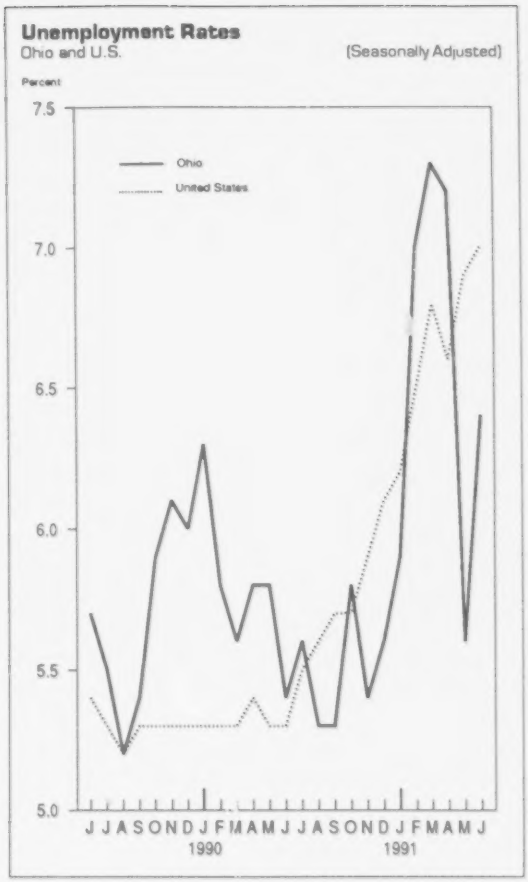
Nonagricultural Employment					
	Goods–Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
					1989
4,812	1,335	18	192	1,125	June
4,816	1,329	16	194	1,119	July
4,830	1,336	18	195	1,122	August
4,834	1,332	18	196	1,119	September
4,830	1,322	18	194	1,110	October
4,845	1,332	18	196	1,119	November
4,854	1,330	18	195	1,117	December
					1990
4,840	1,314	18	199	1,097	January
4,873	1,337	18	204	1,116	February
4,888	1,338	18	204	1,117	March
4,878	1,332	18	199	1,115	April
4,895	1,332	18	198	1,117	May
4,903	1,334	18	197	1,119	June
4,903	1,328	18	196	1,114	July
4,910	1,329	18	197	1,115	August
4,911	1,328	17	197	1,113	September
4,921	1,329	17	197	1,115	October
4,913	1,318	17	198	1,103	November
4,914	1,316	17	199	1,100	December
					1991
4,919	1,315	17	200	1,098	January
4,911	1,300	17	202	1,081	February
4,913	1,296	17	202	1,077	March
4,907	1,297	17	201	1,079	April
4,916	1,297	17	200	1,080	May
4,927	1,300	17	200	1,082	June

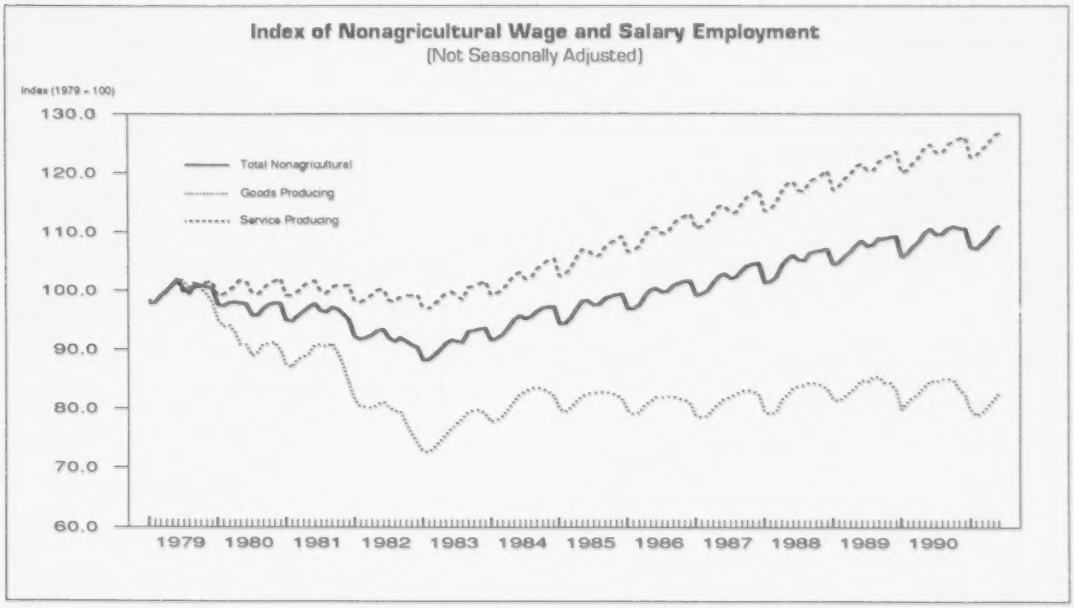
Service–Producing Employment
(In Thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
		1989				1989		
3,477	216	June	261	899	252	June	1,141	708
3,486	216	July	262	901	252	July	1,148	707
3,495	217	August	262	902	253	August	1,155	706
3,502	218	September	261	902	254	September	1,159	708
3,508	218	October	261	902	254	October	1,163	711
3,513	218	November	261	906	254	November	1,164	710
3,524	219	December	260	909	254	December	1,168	714
		1990				1990		
3,526	219	January	261	909	254	January	1,171	714
3,536	219	February	260	910	254	February	1,175	717
3,550	220	March	261	913	255	March	1,181	720
3,545	219	April	262	907	254	April	1,181	722
3,563	220	May	262	908	254	May	1,187	731
3,570	219	June	263	911	255	June	1,195	727
3,576	219	July	263	911	255	July	1,199	728
3,581	219	August	264	913	255	August	1,204	726
3,583	220	September	264	912	255	September	1,207	725
3,592	220	October	264	912	256	October	1,213	727
3,595	220	November	265	913	256	November	1,215	727
3,598	221	December	265	912	256	December	1,218	726
		1991				1991		
3,604	222	January	265	913	257	January	1,220	727
3,611	222	February	265	913	257	February	1,225	730
3,617	221	March	265	915	257	March	1,229	729
3,611	221	April	265	909	256	April	1,231	728
3,620	221	May	265	910	257	May	1,236	731
3,627	220	June	266	912	257	June	1,239	734

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
125.0
120.0
115.0
110.0
105.0
100.0
Ohio
United States
J J A S O N D J F M A M J J A S O N D J F M A M J
1990
1991


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
7.5
7.0
6.5
6.0
5.5
5.0
Ohio
United States
J J A S O N D J F M A M J J A S O N D J F M A M J
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,253	4,886	367	7.0	6.2	1987
5,322	5,002	320	6.0	5.5	1988
5,419	5,118	300	5.5	5.3	1989
5,433	5,126	307	5.7	5.5	1990
					1990
5,481	5,179	302	5.5	5.3	June
5,472	5,194	278	5.1	5.5	July
5,504	5,245	258	4.7	5.4	August
5,436	5,177	259	4.8	5.5	September
5,493	5,187	306	5.6	5.4	October
5,463	5,176	287	5.3	5.8	November
5,484	5,169	315	5.7	5.9	December
					1991
5,357	4,968	389	7.3	7.0	January
5,341	4,932	409	7.7	7.2	February
5,417	5,004	414	7.6	7.1	March
5,473	5,087	386	7.1	6.5	April
5,445	5,154	292	5.4	6.6	May
5,508	5,152	356	6.5	6.9	June

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

Nonagricultural Employment					
	Goods-Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,367.4	1,462.5	30.7	167.4	1,264.3	1980
4,317.7	1,417.0	30.7	153.7	1,232.6	1981
4,124.3	1,264.8	30.3	134.6	1,099.9	1982
4,092.5	1,223.4	26.6	130.8	1,066.0	1983
4,260.2	1,299.7	27.8	144.8	1,127.0	1984
4,372.9	1,304.3	26.1	154.0	1,124.2	1985
4,471.4	1,293.1	22.6	160.7	1,109.8	1986
4,582.6	1,296.2	20.9	176.4	1,098.9	1987
4,700.6	1,315.1	18.9	185.6	1,110.6	1988
4,817.4	1,334.1	17.9	193.6	1,122.6	1989
4,895.8	1,327.8	17.6	198.5	1,111.7	1990
					1990
4,956.0	1,352.0	17.9	207.4	1,126.7	June
4,912.3	1,347.3	18.0	214.5	1,114.8	July
4,916.5	1,356.3	18.0	217.8	1,120.5	August
4,958.1	1,357.5	17.9	216.4	1,123.2	September
4,974.2	1,352.7	17.8	213.6	1,121.3	October
4,962.8	1,331.3	17.6	207.6	1,106.1	November
4,955.9	1,313.0	17.4	195.7	1,099.9	December
					1991
4,814.5	1,274.5	16.7	172.2	1,085.6	January
4,807.8	1,256.3	16.4	169.0	1,070.9	February
4,844.7	1,263.4	16.7	176.8	1,069.9	March
4,889.7	1,281.7	16.9	190.0	1,074.8	April
4,947.0	1,298.3	16.9	201.3	1,080.2	May
4,979.9	1,318.1	17.2	210.9	1,090.0	June

Service-Producing Employment

(in thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
2,904.9	223.1	1980	231.7	725.5	203.8	1980	830.9	689.9
2,900.7	217.2	1981	233.6	716.5	205.8	1981	851.6	676.0
2,859.5	206.8	1982	227.1	702.3	206.4	1982	857.3	659.6
2,869.2	198.5	1983	223.6	709.9	207.8	1983	873.3	656.1
2,960.5	203.9	1984	237.9	746.8	211.5	1984	905.2	655.2
3,068.5	202.7	1985	245.1	786.5	219.3	1985	949.5	665.2
3,178.4	203.4	1986	245.7	817.1	232.3	1986	1,001.0	678.9
3,286.4	207.8	1987	249.4	846.9	243.8	1987	1,051.2	687.3
3,385.5	212.1	1988	256.4	877.4	249.0	1988	1,096.8	693.8
3,483.4	216.4	1989	261.0	900.1	252.4	1989	1,147.1	706.4
3,568.0	219.7	1990	262.8	910.8	254.9	1990	1,195.6	724.2
		1990				1990		
3,604.0	221.1	June	264.6	920.0	257.3	June	1,214.9	726.1
3,565.0	221.3	July	265.6	917.8	258.5	July	1,217.6	684.2
3,560.3	221.4	August	265.2	922.2	258.4	August	1,220.4	672.5
3,600.6	222.6	September	264.4	919.6	256.4	September	1,227.2	710.4
3,621.5	222.4	October	265.1	917.8	255.7	October	1,222.0	738.5
3,631.6	222.1	November	265.2	928.9	255.4	November	1,214.9	745.0
3,642.8	223.4	December	265.9	941.7	255.8	December	1,212.6	743.4
		1991				1991		
3,540.0	217.5	January	262.1	893.0	253.7	January	1,184.3	729.3
3,551.4	216.7	February	261.7	880.4	254.0	February	1,194.7	744.0
3,581.3	217.6	March	262.7	889.4	254.6	March	1,208.7	748.3
3,608.0	219.3	April	263.9	899.2	254.9	April	1,228.3	742.3
3,648.7	220.9	May	265.6	912.3	256.6	May	1,242.8	750.4
3,661.8	222.2	June	267.7	921.1	259.3	June	1,259.7	731.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

Manufacturing Employment				Production Workers in Manufacturing		
Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)		Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
1,264.3	880.3	384.1	1980	867.8	$301.9	35.2
1,232.6	858.2	374.4	1981	847.7	330.4	34.7
1,099.9	750.5	349.4	1982	735.7	297.1	29.5
1,066.0	721.9	344.1	1983	721.6	315.5	29.9
1,127.0	771.7	355.4	1984	781.5	362.3	33.1
1,124.2	767.0	357.3	1985	773.4	369.7	32.5
1,109.8	751.0	358.8	1986	758.5	369.1	31.9
1,098.9	738.9	360.0	1987	751.4	375.5	32.0
1,110.6	747.3	363.4	1988	762.3	393.0	32.8
1,122.6	754.7	367.9	1989	770.4	403.3	32.9
1,111.7	743.3	368.5	1990	757.3	405.9	32.1
			1990			
1,126.7	756.0	370.7	June	770.6	422.2	33.1
1,114.8	745.0	369.9	July	757.4	403.0	32.0
1,120.5	748.4	372.2	August	763.2	409.7	32.4
1,123.2	748.0	375.2	September	766.3	426.7	33.1
1,121.3	746.9	374.4	October	765.0	416.7	32.6
1,106.1	734.4	371.7	November	749.8	410.8	32.0
1,099.9	729.8	370.1	December	743.7	403.9	31.5
			1991			
1,085.6	718.1	367.5	January	731.1	394.6	30.7
1,070.9	706.7	364.2	February	717.4	377.1	29.6
1,069.9	706.3	363.6	March	716.7	383.1	29.7
1,074.8	710.8	364.0	April	721.5	385.9	29.9
1,080.2	714.6	365.5	May	727.7	395.4	30.3
1,090.0	720.8	369.3	June	736.0	414.5	31.4

Production Worker Average Weekly Earnings				Production Worker Average Weekly Hours				Production Worker Average Hourly Earnings		
Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
$347.94	$358.57	$319.99	1980	40.6	40.7	40.2	1980	$ 8.57	$ 8.81	$ 7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57
499.70	519.52	455.03	1987	42.6	42.9	41.9	1987	11.73	12.11	10.86
515.57	538.16	466.31	1988	43.0	43.4	42.2	1988	11.99	12.40	11.05
523.50	542.23	478.19	1989	42.7	43.0	41.8	1989	12.26	12.61	11.44
535.94	556.38	492.74	1990	42.4	42.7	41.9	1990	12.64	13.03	11.76
			1990				1990			
547.82	571.14	497.12	June	43.0	43.4	42.2	June	12.74	13.16	11.78
532.14	550.35	491.99	July	42.2	42.4	41.8	July	12.61	12.98	11.77
536.78	555.93	493.92	August	42.4	42.6	42.0	August	12.66	13.05	11.76
556.85	581.16	504.38	September	43.2	43.5	42.6	September	12.89	13.36	11.84
547.41	571.43	496.78	October	42.6	42.9	42.1	October	12.85	13.32	11.80
547.84	568.43	503.37	November	42.7	42.9	42.3	November	12.83	13.25	11.90
543.13	562.22	501.06	December	42.3	42.4	42.0	December	12.84	13.26	11.93
			1991				1991			
539.70	559.99	497.90	January	42.0	42.2	41.7	January	12.85	13.27	11.94
525.71	541.86	492.79	February	41.2	41.3	41.1	February	12.76	13.12	11.99
534.52	551.20	498.08	March	41.5	41.6	41.3	March	12.88	13.25	12.06
534.89	552.78	497.25	April	41.4	41.5	41.3	April	12.92	13.32	12.04
543.35	561.79	503.40	May	41.7	41.8	41.5	May	13.03	13.44	12.13
563.17	586.79	511.09	June	42.6	42.8	42.1	June	13.22	13.71	12.14

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

Employment

(thousands)

Stone, Clay, and Glass Products	Primary Metal Industries	Fabricated Metal Products		Industrial Machinery and Equipment	Electronic and Other Electric Equipment	Transportation Equipment		Food and Kindred Products	Printing and Publishing	Rubber and Miscellaneous Plastics Products
62.0	139.8	157.5	1980	219.2	96.5	138.6	1980	72.7	67.4	95.1
58.6	138.3	154.8	1981	211.8	92.3	136.4	1981	69.2	66.1	91.4
52.1	112.7	134.9	1982	183.4	84.7	121.1	1982	66.9	63.2	82.4
50.2	104.1	129.8	1983	160.1	81.7	131.6	1983	63.4	62.8	84.5
50.5	108.9	138.8	1984	173.1	85.4	144.4	1984	62.8	65.1	92.7
48.5	101.8	139.7	1985	171.7	83.2	150.6	1985	62.9	66.8	93.3
47.5	95.4	136.8	1986	163.9	82.0	153.2	1986	63.0	68.4	94.5
46.5	95.8	132.9	1987	160.3	79.9	148.8	1987	63.1	70.5	93.6
46.0	100.8	135.2	1988	163.9	80.0	142.8	1988	62.5	72.5	93.4
45.9	102.4	135.6	1989	167.7	79.9	143.8	1989	62.9	73.8	95.5
45.6	100.1	131.0	1990	165.2	79.2	143.6	1990	61.9	75.2	94.0
			1990				1990			
46.5	101.7	133.4	June	166.7	79.7	148.7	June	61.8	75.3	95.7
46.2	99.4	132.0	July	166.3	79.4	142.4	July	61.9	75.7	93.8
46.3	100.5	131.8	August	165.0	79.0	146.8	August	62.7	75.8	94.9
46.1	101.9	132.6	September	164.5	78.8	145.2	September	65.3	75.9	95.4
46.0	101.2	131.6	October	163.7	78.6	147.0	October	64.3	75.9	95.4
45.4	99.8	130.0	November	162.7	77.8	140.6	November	62.6	76.2	94.2
43.8	99.7	129.6	December	163.5	77.3	137.8	December	62.6	76.4	92.6
			1991				1991			
42.7	99.2	126.8	January	163.1	76.2	134.3	January	62.5	75.7	91.9
42.5	95.5	122.9	February	161.2	76.1	133.2	February	62.1	75.6	89.5
42.6	96.8	123.4	March	160.5	75.8	131.3	March	62.5	75.6	88.6
43.6	96.1	123.8	April	158.0	75.9	137.2	April	62.6	75.8	89.1
44.1	96.1	124.5	May	158.1	76.3	136.8	May	63.4	76.0	89.4
44.3	96.6	125.0	June	157.4	76.7	143.6	June	64.3	76.5	90.9

Average Weekly Earnings of Production Workers

$315.43	$422.01	$349.34	1980	$352.77	$316.31	$414.83	1980	$329.85	$320.92	$323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
470.37	626.44	513.17	1988	526.24	466.07	673.91	1988	446.04	445.22	446.95
478.67	619.61	508.09	1989	534.10	459.95	704.48	1989	458.39	457.81	446.05
490.33	644.57	519.96	1990	543.46	464.12	721.92	1990	476.99	475.60	451.36
			1990				1990			
498.10	672.04	533.68	June	548.97	458.59	758.62	June	476.40	467.68	467.99
493.06	644.36	506.75	July	539.71	456.84	722.67	July	475.57	469.66	458.55
495.20	649.82	524.97	August	546.08	465.12	706.55	August	485.78	472.03	452.19
501.38	684.71	543.99	September	562.42	477.76	767.45	September	492.59	487.62	461.58
492.26	666.45	539.33	October	558.54	472.73	740.44	October	475.45	484.41	456.20
486.78	660.93	530.88	November	559.39	479.83	736.20	November	500.98	490.84	446.08
486.97	643.99	522.42	December	555.52	484.97	716.13	December	507.91	493.68	443.21
			1991				1991			
488.31	650.32	518.32	January	548.70	475.69	724.55	January	482.89	479.50	449.90
490.31	599.23	501.39	February	532.98	472.73	703.50	February	469.68	485.10	443.48
499.31	624.75	511.60	March	537.20	477.99	715.29	March	497.20	484.31	447.12
494.56	635.58	516.89	April	532.97	475.26	704.33	April	478.74	483.15	453.46
492.96	639.84	525.26	May	534.59	474.85	736.59	May	509.50	477.97	458.59
502.86	673.61	554.13	June	552.95	496.44	769.96	June	508.98	474.38	476.55

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	4979.9	4947.0	4956.0	32.9	23.9
Goods-Producing Industries	1318.1	1298.3	1352.0	19.8	-33.9
Mining	17.2	16.9	17.9	.3	-.8
Coal Mining	6.6	6.6	6.9	.0	-.4
Oil and Gas Extraction	5.8	5.6	5.9	.2	-.1
Construction	210.9	201.3	207.4	9.6	3.6
General Building Contractors	49.8	47.6	49.3	2.2	.4
Nonresidential Building Construction	25.4	24.2	25.4	1.1	.0
Heavy Construction, Except Building	28.0	26.0	26.9	2.0	1.1
Highway and Street Construction	11.1	10.2	10.1	.9	1.0
Special Trade Contractors	133.2	127.8	131.1	5.4	2.1
Manufacturing	1090.0	1080.2	1126.7	9.9	-36.7
Durable Goods[f]	720.8	714.6	756.0	6.1	-35.3
Lumber and Wood Products	21.5	21.1	22.0	.3	-.5
Millwork, Plywood and Structural Members	9.9	9.8	10.2	.1	-.2
Furniture and Fixtures	15.3	15.3	15.2	.0	.1
Stone, Clay, and Glass Products	44.3	44.1	46.5	.2	-2.3
Primary Metal Industries	96.6	96.1	101.7	.5	-5.1
Blast Furnace and Basic Steel Products	44.4	44.5	46.8	-.1	-2.4
Iron and Steel Foundries	18.7	18.6	20.2	.1	-1.5
Nonferrous Rolling and Drawing	15.9	15.5	16.6	.4	-.7
Nonferrous Foundries	10.2	10.2	10.7	.0	-.4
Fabricated Metal Products	125.0	124.5	133.4	.5	-8.4
Fabricated Structural Metal Products	27.5	27.5	29.5	.0	-2.0
Metal Forgings and Stampings	36.2	35.7	38.5	.5	-2.3
Industrial Machinery and Equipment	157.4	158.1	166.7	-.7	-9.3
Construction and Related Machinery	11.9	11.9	13.5	-.1	-1.6
Metalworking Machinery	46.3	46.3	48.3	.0	-2.0
Special Industry Machinery	15.0	15.1	16.9	-.2	-1.9
General Industrial Machinery	24.8	24.9	25.9	-.2	-1.1
Computer and Office Equipment	10.7	10.7	11.3	.1	-.5
Refrigeration and Service Machinery	15.1	15.0	16.4	.1	-1.3
Electronic and Other Electric Equipment	76.7	76.3	79.7	.4	-3.1
Electrical Industrial Apparatus	11.6	11.6	12.2	.0	-.6
Household Appliances	14.6	14.6	15.9	.0	-1.2
Electric Lighting and Wiring Equipment	16.0	15.9	16.4	.1	-.4
Electronic Components and Accessories	11.1	11.3	11.9	-.1	-.8
Transportation Equipment	143.6	138.8	148.7	4.8	-5.1
Motor Vehicles and Equipment	100.5	95.8	102.5	4.7	-1.9
Aircraft and Parts	35.7	35.6	37.8	.1	-2.1
Instruments and Related Products	25.8	25.7	26.4	.1	-.7
Measuring and Controlling Devices	14.6	14.6	15.6	.0	-1.0
Nondurable Goods[g]	369.3	365.5	370.7	3.8	-1.4
Food and Kindred Products	64.3	63.4	61.8	.9	2.5
Dairy Products	10.7	10.7	10.0	.0	.7
Preserved Fruits and Vegetables	11.0	10.8	10.5	.2	.4
Bakery Products	9.7	9.7	9.5	.0	.1
Apparel and Other Textile Products	14.5	14.2	14.9	.2	-.4
Paper and Allied Products	37.3	37.5	37.5	-.1	-.2
Paperboard Containers and Boxes	13.7	13.7	13.4	.0	.4
Miscellaneous Converted Paper Products	11.8	12.0	12.3	-.1	-.5
Printing and Publishing	76.5	76.0	75.3	.5	1.2
Newspapers	18.6	18.7	19.0	.0	-.4
Commercial Printing	28.6	28.5	27.6	.1	1.0
Chemicals and Allied Products	67.4	66.7	66.3	.6	1.0
Plastics Materials and Synthetics	9.7	9.6	9.7	.1	.0
Rubber and Miscellaneous Plastics Products	90.9	89.4	95.7	1.5	-4.8
Tires and Inner Tubes	14.7	14.6	14.7	.0	-.1
Miscellaneous Plastics Products	56.5	55.2	58.5	1.3	-2.0
Service-Producing Industries	3661.8	3648.7	3604.0	13.1	57.8
Transportation and Public Utilities	222.2	220.9	221.1	1.3	1.1
Transportation	130.8	129.7	128.5	1.1	2.4
Railroad Transportation	11.4	11.4	12.4	.0	-1.0
Trucking and Warehousing	76.7	76.0	75.8	.7	.9
Transportation by Air	15.7	15.5	14.4	.2	1.3
Communications, Electric, Gas Services	91.4	91.2	92.6	.2	-1.3
Communications	47.8	47.8	48.5	.0	-.7
Electric, Gas, and Sanitary Services	43.6	43.4	44.2	.2	-.6

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Wholesale Trade	267.7	265.6	264.6	2.0	3.0
Wholesale Trade-Durable Goods	166.0	164.9	165.0	1.1	1.0
Motor Vehicles, Parts, and Supplies	22.2	22.0	22.2	.1	-.1
Professional and Commercial Equipment	32.2	32.1	32.1	.1	.1
Metals and Minerals, Except Petroleum	11.0	11.0	11.0	.1	.0
Electrical Goods	17.4	17.3	17.6	.1	-.2
Hardware, Plumbing and Heating Equipment	12.4	12.4	12.5	.0	-.1
Machinery, Equipment, and Supplies	41.7	41.3	41.1	.4	.6
Wholesale Trade-Nondurable Goods	101.7	100.7	99.6	.9	2.1
Groceries and Related Products	34.8	34.3	33.7	.4	1.1
Retail Trade	921.1	912.3	920.0	8.8	1.1
Building Materials and Garden Supplies	36.6	36.2	37.0	.4	-.4
Lumber and Other Building Materials	18.6	18.1	18.7	.5	-.1
General Merchandise Stores	119.8	119.2	124.2	.6	-4.4
Department Stores	99.8	99.3	103.5	.4	-3.7
Variety Stores	9.7	9.6	10.2	.1	-.5
Food Stores	141.0	139.5	141.6	1.5	-.7
Grocery Stores	125.1	124.0	125.5	1.2	-.3
Automotive Dealers and Service Stations	99.2	98.4	100.0	.7	-.8
New and Used Car Dealers	41.5	41.4	42.3	.1	-.8
Gasoline Service Stations	35.6	35.3	35.7	.2	-.2
Apparel and Accessory Stores	49.6	49.2	48.0	.4	1.6
Furniture and Homefurnishings Stores	31.3	31.1	30.8	.2	.4
Eating and Drinking Places	325.4	320.9	323.2	4.5	2.2
Miscellaneous Retail	118.3	117.8	115.2	.5	3.1
Drug Stores and Proprietary Stores	31.4	31.3	30.8	.1	.6
Nonstore Retailers	23.1	22.8	22.3	.3	.8
Finance, Insurance, and Real Estate	259.3	256.6	257.3	2.7	2.0
Finance	121.8	120.8	121.4	1.0	.4
Depository Institutions	90.1	89.2	90.6	.9	-.5
Commercial Banks	64.8	64.1	64.3	.7	.5
Insurance	91.6	91.2	91.0	.4	.6
Insurance Carriers	69.6	69.3	69.5	.3	.1
Life Insurance	25.5	25.3	25.2	.2	.2
Fire, Marine, and Casualty Insurance	31.0	30.9	30.9	.1	.1
Real Estate	45.8	44.6	44.9	1.3	1.0
Services	1259.7	1242.8	1214.9	16.9	44.9
Hotels and Other Lodging Places	42.8	40.9	41.3	1.8	1.5
Personal Services	55.0	54.8	53.8	.2	1.2
Business Services	231.9	228.7	219.6	3.2	12.3
Services to Buildings	35.1	34.8	34.4	.3	.7
Personnel Supply Services	80.9	79.9	76.4	1.0	4.4
Computer and Data Processing Services	29.8	29.4	27.7	.4	2.2
Amusements, Including Motion Pictures	77.0	69.3	75.1	7.7	1.9
Health Services	410.9	407.4	397.1	3.5	13.8
Nursing and Personal Care Facilities	88.3	87.5	85.9	.8	2.4
Hospitals	195.4	194.3	190.7	1.1	4.6
Legal Services	30.8	29.8	29.6	1.0	1.1
Educational Services	58.7	64.7	58.0	-6.0	.8
Colleges and Universities	30.6	35.5	30.3	-4.9	.3
Social Services	83.3	83.3	79.1	.0	4.2
Residential Care	24.8	24.5	23.5	.2	1.3
Membership Organizations	80.7	79.1	80.5	1.6	.2
Engineering and Management Services	94.5	93.2	90.9	1.3	3.6
Engineering and Architectural Services	30.1	29.5	28.7	.6	1.4
Accounting, Auditing, and Bookkeeping	21.6	21.7	20.9	-.1	.7
Research and Testing Services	19.8	19.5	19.6	.4	.2
Management and Public Relations	22.9	22.6	21.7	.4	1.3
Government	731.8	750.4	726.1	-18.6	5.7
Federal Government	94.5	94.1	100.9	.3	-6.4
U.S. Postal Service	33.1	33.0	33.9	.1	-.8
State Government	162.8	173.3	160.0	-10.4	2.9
State Government Hospitals	15.6	15.4	16.0	.2	-.4
State Government Education[h]	82.9	95.7	79.7	-12.8	3.2
Local Government	474.5	483.0	465.3	-8.5	9.2
Local Government Hospitals	14.7	14.6	14.2	.2	.6
Local Government Education	269.3	285.5	261.3	-16.2	8.0

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Goods-Producing Industries	$576.35	$558.38	$561.43	42.1	41.3	42.5	$13.69	$13.52	$13.21
Mining	594.27	602.41	634.20	43.6	44.1	45.3	13.63	13.66	14.00
Coal Mining	715.57	740.52	743.38	42.9	44.0	43.6	16.68	16.83	17.05
Construction	637.16	633.55	620.93	39.6	39.4	39.6	16.09	16.08	15.68
General Building Contractors	563.20	557.79	558.81	40.0	39.7	40.7	14.08	14.05	13.73
Heavy Construction, Except Building	743.89	752.01	669.11	43.3	43.9	41.1	17.18	17.13	16.28
Special Trade Contractors	634.58	628.01	630.24	38.6	38.2	39.0	16.44	16.44	16.16
Manufacturing	563.17	543.35	547.82	42.6	41.7	43.0	13.22	13.03	12.74
Durable Goods[f]	586.79	561.79	571.14	42.8	41.8	43.4	13.71	13.44	13.16
Lumber and Wood Products	347.21	340.17	312.27	40.8	40.4	38.6	8.51	8.42	8.09
Millwork, Plywood and Structural Members	410.83	407.02	358.80	43.2	43.3	41.1	9.51	9.40	8.73
Furniture and Fixtures	402.24	391.52	386.14	41.9	41.3	41.7	9.60	9.48	9.26
Stone, Clay, and Glass Products	502.86	492.96	498.10	42.4	41.6	43.2	11.86	11.85	11.53
Primary Metal Industries	673.61	639.84	672.04	44.2	43.0	45.5	15.24	14.88	14.77
Blast Furnace and Basic Steel Products	702.42	672.74	678.76	46.0	44.7	46.3	15.27	15.05	14.66
Iron and Steel Foundries	725.89	665.02	739.91	42.8	41.0	45.9	16.96	16.22	16.12
Nonferrous Rolling and Drawing	678.49	631.97	712.66	40.1	38.7	42.7	16.92	16.33	16.69
Nonferrous Foundries	500.81	488.22	491.57	46.2	45.5	45.6	10.84	10.73	10.78
Fabricated Metal Products	554.13	525.26	533.68	42.3	41.1	42.9	13.10	12.78	12.44
Fabricated Structural Metal Products	465.65	458.56	493.19	41.8	41.2	43.3	11.14	11.13	11.39
Metal Forgings and Stampings	710.72	655.78	670.96	43.1	41.4	44.2	16.49	15.84	15.18
Industrial Machinery and Equipment	552.95	534.59	548.97	42.6	41.7	43.5	12.98	12.82	12.62
Construction and Related Machinery	476.39	444.60	462.98	40.1	38.0	40.4	11.88	11.70	11.46
Metalworking Machinery	526.81	509.09	534.38	42.9	41.9	44.2	12.28	12.15	12.09
Special Industry Machinery	516.43	516.17	524.81	42.4	42.8	44.4	12.18	12.06	11.82
General Industrial Machinery	647.97	626.53	630.90	44.2	43.6	45.0	14.66	14.37	14.02
Computer and Office Equipment	474.00	472.78	479.76	40.0	40.1	41.9	11.85	11.79	11.45
Refrigeration and Service Machinery	619.05	581.19	595.30	42.9	40.9	41.6	14.43	14.21	14.31
Electronic and Other Electric Equipment	496.44	474.85	458.59	42.0	40.9	40.8	11.82	11.61	11.24
Electrical Industrial Apparatus	467.60	453.74	454.07	41.9	41.1	42.2	11.16	11.04	10.76
Household Appliances	507.98	496.54	477.56	41.4	40.8	39.5	12.27	12.17	12.09
Electric Lighting and Wiring Equipment	521.48	495.01	481.19	40.3	39.1	39.9	12.94	12.66	12.06
Electronic Components and Accessories	365.45	351.05	345.28	42.2	41.3	41.7	8.66	8.50	8.28
Transportation Equipment	769.96	736.59	758.62	44.2	42.9	45.7	17.42	17.17	16.60
Motor Vehicles and Equipment	793.86	759.76	797.01	44.3	42.9	46.5	17.92	17.71	17.14
Aircraft and Parts	694.76	668.74	662.56	44.0	43.2	44.2	15.79	15.48	14.99
Instruments and Related Products	400.75	396.98	390.22	39.6	39.5	39.9	10.12	10.05	9.78
Measuring and Controlling Devices	403.61	393.43	373.84	39.3	38.8	38.7	10.27	10.14	9.66
Nondurable Goods[g]	511.09	503.40	497.12	42.1	41.5	42.2	12.14	12.13	11.78
Food and Kindred Products	508.98	509.50	476.40	42.7	42.6	41.9	11.92	11.96	11.37
Dairy Products	498.80	486.26	484.34	43.0	42.1	42.9	11.60	11.55	11.29
Preserved Fruits and Vegetables	545.16	552.55	494.51	42.0	42.8	40.6	12.98	12.91	12.18
Bakery Products	502.35	507.36	500.12	39.4	39.3	40.3	12.75	12.91	12.41
Apparel and Other Textile Products	302.61	308.50	301.42	38.5	39.2	38.3	7.86	7.87	7.87
Paper and Allied Products	533.61	522.20	517.87	44.1	43.3	44.3	12.10	12.06	11.69
Paperboard Containers and Boxes	472.94	468.93	467.37	44.2	43.5	44.3	10.70	10.78	10.55
Miscellaneous Converted Paper Products	473.59	464.63	477.20	41.8	41.3	43.7	11.33	11.25	10.92
Printing and Publishing	474.38	477.97	467.68	39.4	39.6	39.6	12.04	12.07	11.81
Newspapers	383.50	380.49	375.62	32.5	32.3	33.3	11.80	11.78	11.28
Commercial Printing	463.56	465.00	471.24	40.1	40.4	40.8	11.56	11.51	11.55
Chemicals and Allied Products	619.56	606.34	621.52	43.6	42.7	43.8	14.21	14.20	14.19
Plastics Materials and Synthetics	682.84	688.18	663.80	43.3	43.2	43.7	15.77	15.93	15.19
Rubber and Miscellaneous Plastics Products	478.55	458.59	467.99	42.2	40.8	42.7	11.34	11.24	10.96
Tires and Inner Tubes	735.59	731.98	741.29	44.1	43.7	46.1	16.68	16.75	16.08
Miscellaneous Plastics Products	463.26	442.54	452.83	42.0	40.6	42.4	11.03	10.90	10.68
Service-Producing Industries	.....	.....	.....	....	....	....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	658.57	656.18	623.70	43.1	43.0	42.0	15.28	15.26	14.85
Communications	648.83	649.26	572.40	43.4	43.4	40.0	14.95	14.96	14.31
Electric, Gas, and Sanitary Services	669.54	664.70	681.12	42.7	42.5	44.2	15.68	15.64	15.41
Wholesale Trade	426.89	427.28	415.74	39.2	39.2	39.0	10.89	10.90	10.66
Wholesale Trade-Durable Goods	424.05	422.58	411.45	39.3	39.2	39.0	10.79	10.78	10.55
Motor Vehicles, Parts, and Supplies	350.24	346.37	361.19	38.7	38.4	37.9	9.05	9.02	9.53
Metals and Minerals, Except Petroleum	488.46	506.34	468.03	42.0	43.5	41.2	11.63	11.64	11.36
Wholesale Trade-Nondurable Goods	430.95	435.51	424.24	39.0	39.2	39.1	11.05	11.11	10.85

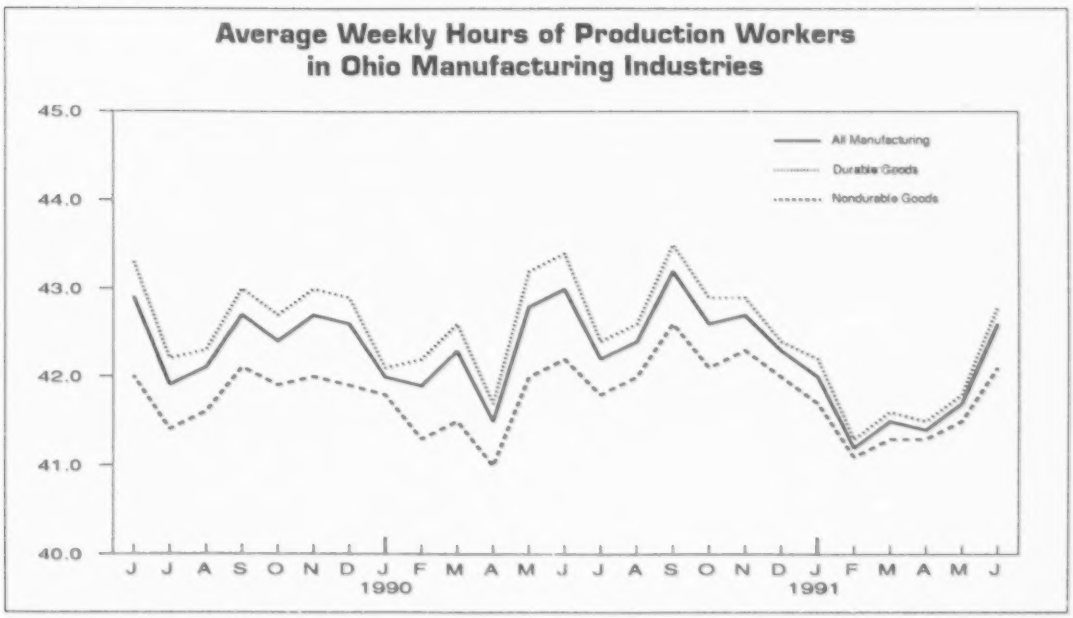
See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

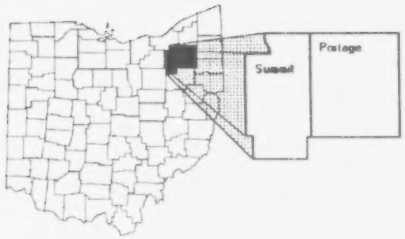
Not Seasonally Adjusted

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Retail Trade[i]	$188.20	$185.15	$179.35	28.3	27.8	28.2	$ 6.65	$ 6.66	$ 6.36
General Merchandise Stores	207.61	208.37	192.55	29.2	28.9	28.4	7.11	7.21	6.78
Department Stores	214.30	214.18	196.94	29.6	29.1	28.5	7.24	7.36	6.91
Finance, Insurance, and Real Estate	361.73	361.40	350.81	....	....	....	.....	.....	.....
Finance	338.50	337.27	324.40	....	....	....	.....	.....	.....
Depository Institutions	284.15	281.45	277.00	....	....	....	.....	.....	.....
Commercial Banks	272.87	271.36	273.15	....	....	....	.....	.....	.....
Insurance	430.42	429.21	418.39	....	....	....	.....	.....	.....
Insurance Carriers	420.56	419.21	407.06	....	....	....	.....	.....	.....
Life Insurance	394.21	391.20	384.54	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	457.47	458.06	434.54	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Business Services	260.98	262.10	245.93	32.5	32.6	33.1	8.03	8.04	7.43
Health Services	323.73	324.05	314.15	31.4	31.4	31.7	10.31	10.32	9.91
Nursing and Personal Care Facilities	226.24	223.49	211.82	32.0	31.7	31.9	7.07	7.05	6.64
Hospitals	376.64	376.96	369.36	32.0	32.0	32.4	11.77	11.78	11.40
Engineering and Management Services	528.17	522.00	480.48	36.3	36.0	35.2	14.55	14.50	13.65
Engineering and Architectural Services	725.92	727.30	673.25	34.7	35.0	33.1	20.92	20.78	20.34
Research and Testing Services	425.09	413.32	378.07	36.9	35.6	35.6	11.52	11.61	10.62

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.



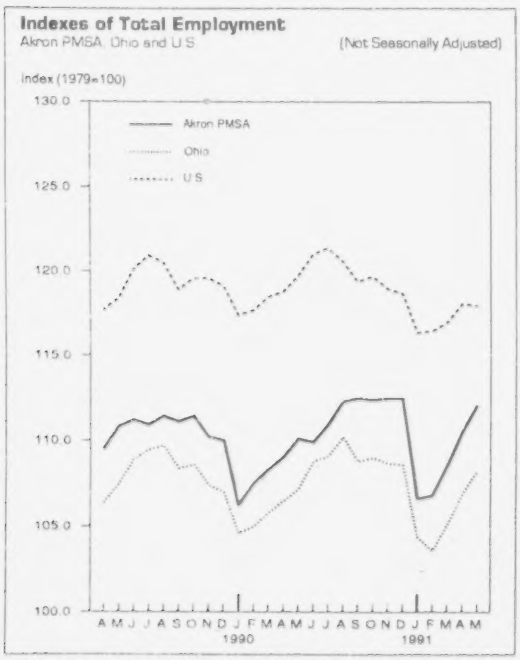
Akron
Primary Metropolitan Statistical Area

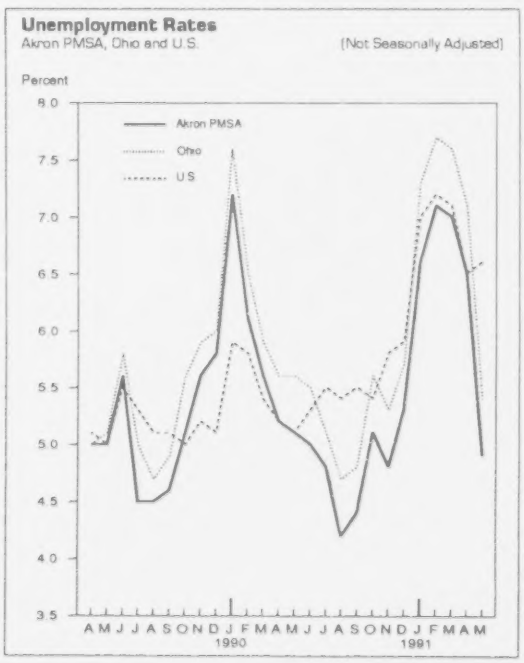


In the Akron metropolitan area, nonfarm payroll employment dropped 3,400 below the May level to 288,800 in June 1991. The workforce in service-producing industries lost 4,100 jobs. Seasonal layoffs of nonteaching faculty in state and local schools and colleges overshadowed more business in services, especially in amusements, including motion pictures. Employment in the goods-producing sector rose 600 over the month to 78,300 primarily due to hirings in the construction industry. Manufacturing employment improved slightly as gains in nondurable goods offset a decline in industrial machinery and equipment. Factory production workers averaged $12.11 per hour, up 12 cents from May. Their average workweek of 42.6 hours was 0.5 hours longer.

Nonagricultural wage and salary employment advanced 3,500 between June 1990 and June 1991. The service-producing sector gained 4,200 employees mainly due to expansion in services. Notable gains occurred in health services, in amusements, including motion pictures, and in business services. Cutbacks in manufacturing and nominal declines in construction lowered employment in goods-producing industries 700. Over-the-year reductions in industrial machinery and equipment and fabricated metal products outweighed an increase in food and kindred products.

Seasonally adjusted employment in the Akron area totaled 289,000 in June 1991, unchanged from May. A gain in services counterbalanced a decline in government. Since June 1990, nonfarm payroll employment advanced 4,000 as growth in services more than offset a decrease in manufacturing.





Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	$361.88	41.5	$ 8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
324.9	305.2	19.7	6.1	1988	272.7	66.2	37.7	502.28	43.3	11.60
331.6	313.7	17.8	5.4	1989	281.0	67.3	39.3	495.75	42.7	11.61
332.3	314.9	17.3	5.2	1990	285.9	67.0	38.2	510.60	42.8	11.93
				1990						
329.9	313.6	16.4	5.0	June	285.3	67.1	38.3	524.36	43.3	12.11
332.4	316.5	15.9	4.8	July	284.1	66.8	37.9	509.92	42.6	11.97
334.4	320.5	13.9	4.2	August	285.2	67.0	38.1	529.40	43.5	12.17
335.8	321.1	14.7	4.4	September	292.1	67.7	38.7	529.91	43.4	12.21
337.9	320.8	17.1	5.1	October	291.7	68.3	39.3	519.16	42.8	12.13
337.5	321.2	16.3	4.8	November	292.3	68.0	39.1	515.81	43.2	11.94
339.2	321.1	18.1	5.3	December	292.0	68.0	39.1	515.66	42.9	12.02
				1991						
326.0	304.3	21.6	6.6	January	279.7	67.3	38.6	507.03	42.5	11.93
328.0	304.7	23.3	7.1	February	282.0	65.6	36.8	484.38	41.4	11.70
333.1	309.7	23.4	7.0	March	285.0	66.3	37.6	489.70	41.5	11.80
337.4	315.3	22.1	6.5	April	288.1	66.2	37.4	493.44	41.5	11.89
336.6	319.9	16.6	4.9	May	292.2	66.5	37.9	504.78	42.1	11.99
INA	INA	INA	INA	June	288.8	66.6	38.0	515.89	42.6	12.11

INA – Information not available

Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
262	88	9	79	1980	175	14	12	45	9	50	44
260	84	8	76	1981	175	14	13	45	9	52	42
249	76	7	68	1982	173	13	12	45	9	52	41
245	73	7	65	1983	172	13	12	45	9	52	41
252	76	8	68	1984	176	13	13	47	9	53	41
258	77	8	68	1985	180	13	13	49	10	54	42
261	76	9	67	1986	184	13	14	50	10	56	42
265	76	9	66	1987	189	13	14	52	11	58	42
273	76	10	66	1988	196	13	15	53	11	62	43
281	78	10	67	1989	203	13	15	55	10	66	44
286	78	11	67	1990	208	14	15	54	11	69	45
				1990							
285	78	10	67	June	208	14	15	54	11	69	45
286	78	10	67	July	208	14	15	54	11	70	45
287	78	10	67	August	209	14	15	54	11	70	45
287	78	10	67	September	209	14	15	54	11	70	45
287	79	10	68	October	209	14	15	54	11	70	45
288	79	10	68	November	210	14	15	54	11	71	45
289	79	11	68	December	210	14	15	55	11	71	45
				1991							
289	79	10	68	January	209	14	15	54	11	71	45
287	77	10	66	February	210	14	15	54	11	71	45
288	78	10	67	March	210	14	15	54	11	71	45
288	77	10	66	April	211	14	15	54	11	72	45
289	77	10	66	May	211	14	15	54	11	72	46
289	77	10	66	June	212	14	15	54	11	73	45

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	288.8	292.2	285.3	-3.4	3.5
Goods-Producing Industries[e]	78.3	77.6	79.0	.6	-.7
Construction	11.1	10.6	11.2	.5	-.1
Manufacturing	66.6	66.5	67.1	.1	-.6
Durable Goods[f]	33.8	33.8	34.8	-.1	-1.1
Fabricated Metal Products	10.2	10.1	10.7	.1	-.5
Fabricated Structural Metal Products	4.3	4.4	4.6	-.1	-.3
Industrial Machinery and Equipment	9.3	9.5	10.2	-.2	-.9
Metalworking Machinery	4.2	4.3	3.9	.0	.3
Electronic and Other Electric Equipment	2.5	2.5	2.5	.0	-.1
Transportation Equipment	4.8	4.9	4.9	-.1	-.1
Nondurable Goods[g]	32.8	32.6	32.3	.2	.5
Food and Kindred Products	3.4	3.4	3.2	.0	.3
Chemicals and Allied Products	3.6	3.6	3.5	.0	.1
Rubber and Miscellaneous Plastics Products	19.2	19.2	19.3	.1	-.1
Tires and Inner Tubes	10.2	10.2	10.2	.0	-.1
Service-Producing Industries	210.5	214.6	206.3	-4.1	4.2
Transportation and Public Utilities	14.0	13.9	13.9	.1	.1
Communications, Electric, Gas Services	5.5	5.5	5.5	.0	.0
Wholesale Trade	14.9	14.8	15.0	.1	-.1
Retail Trade	54.3	54.0	54.5	.4	-.1
General Merchandise Stores	5.7	5.7	6.4	.1	-.7
Food Stores	8.9	8.9	9.0	.0	-.1
Finance, Insurance, and Real Estate	10.9	10.9	10.9	.0	.0
Finance	5.3	5.3	5.4	.0	-.1
Services	75.2	73.1	71.1	2.1	4.1
Business Services	12.5	12.3	11.8	.2	.8
Personnel Supply Services	3.5	3.4	3.4	.1	.2
Amusements, Including Motion Pictures	7.7	6.6	6.8	1.1	.9
Health Services	23.6	23.4	22.4	.2	1.2
Nursing and Personal Care Facilities	4.0	3.9	3.7	.1	.4
Hospitals	11.7	11.6	11.3	.1	.4
Social Services	5.6	5.6	5.2	.0	.4
Engineering and Management Services	5.5	5.4	5.1	.1	.4
Government	41.2	47.9	41.0	-6.8	.2
Federal Government	2.5	2.6	2.6	.0	-.1
State Government	12.3	17.8	12.2	-5.5	.1
State Government Education[h]	9.4	15.0	9.2	-5.7	.2
Local Government	26.3	27.5	26.1	-1.2	.2
Local Government Education	13.5	15.1	13.3	-1.6	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

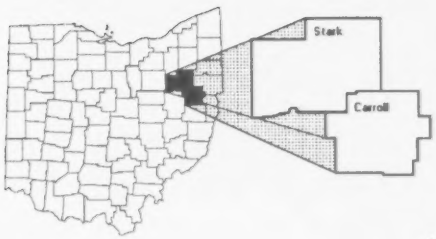
Not Seasonally Adjusted

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$515.89	$504.78	$524.36	42.6	42.1	43.3	$12.11	$11.99	$12.11
Durable Goods[f]	525.31	509.92	541.29	43.2	42.6	43.9	12.16	11.97	12.33
Fabricated Metal Products	631.96	582.74	701.66	42.3	40.3	45.8	14.94	14.46	15.32
Fabricated Structural Metal Products	506.68	472.40	561.60	42.4	40.0	45.4	11.95	11.81	12.37
Industrial Machinery and Equipment	506.28	510.21	472.83	45.9	45.8	43.7	11.03	11.14	10.82
Metalworking Machinery	573.36	578.38	510.06	47.9	47.8	44.9	11.97	12.10	11.36
Electronic and Other Electric Equipment	433.24	430.03	434.89	41.3	40.8	42.1	10.49	10.54	10.33
Transportation Equipment	647.99	635.38	612.50	42.8	42.5	42.3	15.14	14.95	14.48
Nondurable Goods[g]	504.90	498.83	500.65	41.9	41.5	42.5	12.05	12.02	11.78
Food and Kindred Products	377.86	389.71	397.79	37.9	38.7	40.1	9.97	10.07	9.92
Chemicals and Allied Products	552.44	560.19	544.94	42.3	42.6	43.7	13.06	13.15	12.47
Rubber and Miscellaneous Plastics Products	536.26	513.25	520.52	44.1	42.7	44.0	12.16	12.02	11.83
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	626.67	629.63	595.73	42.4	42.6	41.0	14.78	14.78	14.53
Wholesale Trade	383.52	380.07	365.42	37.6	36.9	36.8	10.20	10.30	9.93
Retail Trade[i]	227.52	223.30	217.00	31.6	30.8	31.0	7.20	7.25	7.00
General Merchandise Stores	198.43	192.72	196.25	28.8	28.3	29.6	6.89	6.81	6.63
Food Stores	336.92	332.01	315.66	38.2	37.6	37.4	8.82	8.83	8.44
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	297.87	292.75	282.33	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

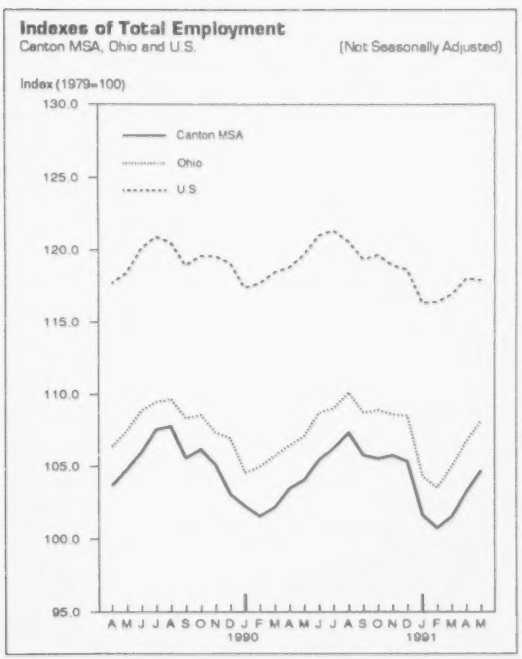
Canton Metropolitan Statistical Area

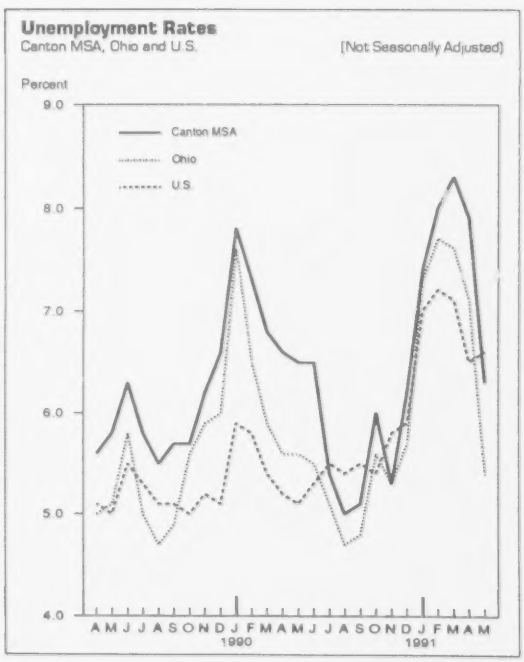


Nonfarm payroll employment in the Canton metropolitan area rose 700 above the May level to 167,800 in June 1991. Employment in goods-producing industries increased 600 to 52,700. Modest gains were posted in construction and manufacturing, particularly primary metal industries and food and kindred products. The number of jobs in service-producing industries was 100 higher. More business in retail trade and in services outweighed seasonal layoffs of nonteaching personnel in local schools. Manufacturing production workers averaged $11.41 per hour, up 10 cents from May. Their average workweek of 41.6 hours was 0.6 hours longer.

Nonagricultural wage and salary employment declined 400 between June 1990 and June 1991. Over-the-year cutbacks in manufacturing lowered employment in the goods-producing sector 1,100. Noteworthy reductions occurred in rubber and miscellaneous plastics products and fabricated metal products. The workforce in service-producing industries advanced 700 during the period. Expansion in services more than offset declines in government, retail trade, and finance, insurance, and real estate.

Seasonally adjusted employment in the Canton area totaled 166,000 in June 1991, unchanged from May. Employment in retail trade rose slightly over the month. Nonfarm payroll employment was little changed from the June 1990 level. Gains in construction and services offset a decrease in manufacturing.





Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	$342.81	39.0	$ 8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	160.1	45.3	32.4	462.21*	42.6*	10.85*
194.3	182.5	11.8	6.1	1989	164.5	45.7	32.6	466.91	41.8	11.17
193.8	181.8	12.0	6.2	1990	166.0	44.8	31.3	481.37	42.3	11.38
				1990						
196.0	183.3	12.8	6.5	June	168.2	45.1	31.5	487.60	42.4	11.50
195.2	184.6	10.6	5.4	July	167.2	45.2	31.5	485.18	42.3	11.47
196.4	186.5	9.9	5.0	August	167.4	45.1	31.4	484.08	42.5	11.39
193.6	183.8	9.8	5.1	September	168.2	45.5	32.0	491.63	42.9	11.46
195.0	183.4	11.6	6.0	October	167.9	44.8	31.4	485.60	42.3	11.48
194.1	183.8	10.3	5.3	November	168.2	44.9	31.4	484.34	42.3	11.45
195.3	183.1	12.2	6.2	December	167.5	44.4	31.0	473.30	41.7	11.35
				1991						
190.8	176.6	14.1	7.4	January	163.8	44.2	30.7	473.05	41.9	11.29
190.3	175.1	15.2	8.0	February	162.7	43.5	30.1	466.46	41.5	11.24
192.5	176.5	16.0	8.3	March	163.2	43.2	29.9	470.25	41.8	11.25
194.9	179.5	15.4	7.9	April	164.9	43.1	29.7	466.46	41.5	11.24
194.5	182.1	12.3	6.3	May	167.1	43.6	30.1	463.71	41.0	11.31
INA	INA	INA	INA	June	167.8	43.9	30.2	474.66	41.6	11.41

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
157	62	5	56	1980	95	7	7	26	6	29	19
157	61	5	55	1981	95	7	8	26	6	30	19
149	54	5	48	1982	95	6	8	26	6	30	18
143	49	4	44	1983	94	6	7	26	6	31	18
149	53	5	46	1984	97	6	8	27	6	31	18
151	53	5	46	1985	99	6	8	29	6	32	18
152	50	5	44	1986	102	6	8	30	6	33	18
156	51	6	44	1987	106	6	8	31	7	36	18
160	52	6	45	1988	108	6	8	32	7	37	19
164	54	7	46	1989	111	6	9	33	7	38	19
166	53	6	45	1990	113	6	9	33	7	40	19
				1990							
166	53	7	45	June	113	6	9	33	7	40	19
166	53	7	45	July	113	6	9	33	7	40	20
167	53	7	45	August	114	6	9	33	7	40	20
167	53	7	45	September	113	6	9	33	7	40	20
166	53	7	45	October	113	6	9	33	7	40	19
166	53	7	45	November	113	6	9	32	7	40	19
166	53	7	44	December	114	6	9	32	7	41	19
				1991							
167	53	8	45	January	114	6	9	33	7	40	20
167	52	8	44	February	114	6	9	33	7	41	20
166	52	8	44	March	114	6	9	33	7	41	19
166	52	8	43	April	114	6	9	32	7	41	19
166	52	8	44	May	114	6	9	32	7	41	19
166	52	8	44	June	114	6	9	33	7	41	19

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	167.8	167.1	168.2	.7	-.4
Goods-Producing Industries[e]	52.7	52.1	53.8	.6	-1.1
Construction	8.1	7.7	7.9	.4	.1
Manufacturing	43.9	43.6	45.1	.2	-1.2
Durable Goods[f]	33.0	33.0	33.7	.0	-.6
Primary Metal Industries	11.8	11.7	11.6	.1	.2
Fabricated Metal Products	5.2	5.2	5.7	.0	-.5
Electronic and Other Electric Equipment	3.9	3.9	4.1	.0	-.3
Nondurable Goods[g]	10.8	10.6	11.4	.2	-.6
Food and Kindred Products	3.1	3.0	3.0	.1	.0
Rubber and Miscellaneous Plastics Products	2.3	2.3	2.9	.0	-.6
Service-Producing Industries	115.1	115.0	114.4	.1	.7
Transportation and Public Utilities	5.8	5.8	5.7	.0	.1
Communications, Electric, Gas Services	2.9	2.9	2.8	.0	.1
Wholesale Trade	9.0	8.9	9.0	.1	.1
Retail Trade	32.9	32.5	33.1	.4	-.2
General Merchandise Stores	3.6	3.6	3.9	.0	-.3
Food Stores	5.6	5.6	5.6	.1	.0
Finance, Insurance, and Real Estate	6.7	6.7	6.8	.0	-.2
Finance	3.9	3.8	4.0	.0	-.1
Services	41.7	41.4	40.5	.3	1.3
Health Services	16.6	16.4	16.1	.1	.4
Nursing and Personal Care Facilities	3.9	3.9	3.8	.0	.1
Hospitals	7.7	7.6	7.5	.1	.2
Government	18.9	19.7	19.3	-.8	-.4
Federal Government	1.5	1.5	1.6	.0	-.1
State Government (Includes Education)	1.6	1.7	1.7	-.1	-.1
Local Government	15.9	16.6	16.0	-.7	-.1
Local Government Education	9.3	10.1	9.4	-.7	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

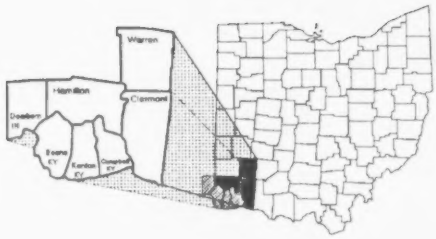
Not Seasonally Adjusted

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$474.66	$463.71	$487.60	41.6	41.0	42.4	$11.41	$11.31	$11.50
Durable Goods[f]	490.26	475.18	511.92	42.3	41.5	43.2	11.59	11.45	11.85
Primary Metal Industries	527.12	520.13	560.35	43.6	43.2	44.9	12.09	12.04	12.48
Fabricated Metal Products	437.92	441.73	469.06	39.1	39.3	41.4	11.20	11.24	11.33
Electronic and Other Electric Equipment	607.32	597.40	524.96	42.0	41.2	38.6	14.46	14.50	13.60
Nondurable Goods[g]	422.97	427.28	417.91	39.2	39.6	40.3	10.79	10.79	10.37
Food and Kindred Products	436.16	455.84	434.32	39.4	40.7	39.7	11.07	11.20	10.94
Rubber and Miscellaneous Plastics Products	416.83	406.19	392.64	41.6	40.7	40.9	10.02	9.98	9.60
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	640.05	643.92	589.34	42.5	42.7	40.7	15.06	15.08	14.48
Wholesale Trade	400.30	388.61	385.84	39.4	38.4	38.7	10.16	10.12	9.97
Retail Trade[i]	183.58	177.93	173.10	28.2	27.5	28.1	6.51	6.47	6.16
General Merchandise Stores	207.90	197.46	191.19	30.0	28.7	29.1	6.93	6.88	6.57
Food Stores	185.81	180.06	163.39	29.4	28.4	27.6	6.32	6.34	5.92
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	203.85	200.64	188.43	30.2	30.4	30.1	6.75	6.60	6.26

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

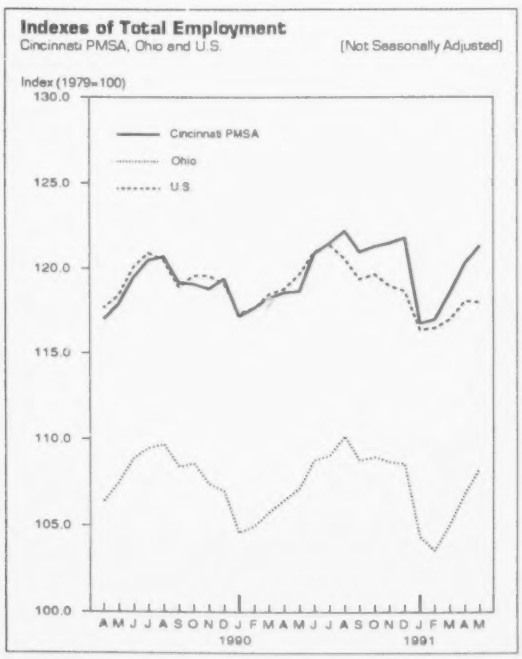
Cincinnati Primary Metropolitan Statistical Area

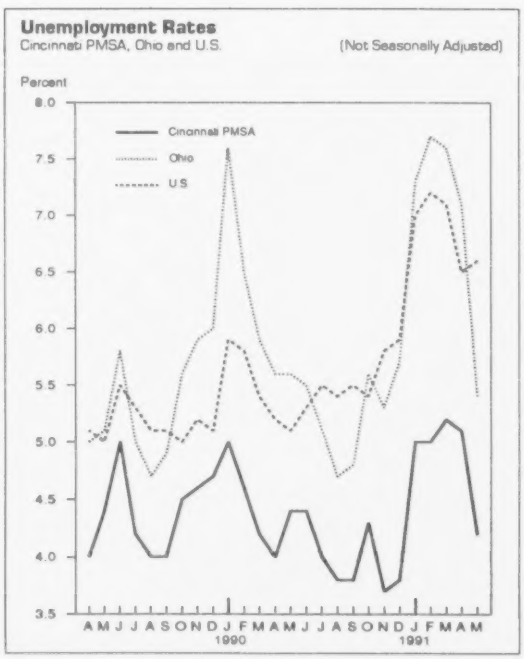


Nonagricultural payroll employment in the Cincinnati metropolitan area rose 4,900 above the May level to 763,200 in June 1991. Service-producing industries added 3,900 employees. More business in services, especially in amusements, including motion pictures, and increased hirings in retail trade outweighed seasonal layoffs of nonteaching personnel in local schools. Gains in construction and nondurable-goods manufacturing, primarily chemicals and allied products, raised employment in goods-producing industries 1,100 over the month to 181,000. Factory production workers averaged $12.62 per hour, up 15 cents from May. Their average workweek of 42.9 hours was 0.5 hours longer.

Nonfarm wage and salary employment advanced 11,700 between June 1990 and June 1991. Expansion in the service-producing sector created 14,700 jobs. The leading growth industry was services, with notable gains in business services, health services, and engineering and management services. Moderate improvements were posted in local schools, retail trade, and transportation and public utilities. Employment in goods-producing industries fell 3,000 from the year-ago level. Cutbacks in durable-goods manufacturing and decreased employment in construction overshadowed increases in nondurable-goods manufacturing. Reductions in transportation equipment, electronic and other electric equipment, fabricated metal products, and industrial machinery and equipment outweighed gains in chemicals and allied products and printing and publishing.

Seasonally adjusted employment in the Cincinnati area increased 2,000 from May to 756,000 in June 1991 with modest increases in retail trade and services. Since June 1990, nonfarm payroll employment advanced 12,000. Growth in services, retail trade, government, and transportation and public utilities more than offset a decline in manufacturing.





Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	$332.07	41.2	$ 8.06
678.5	619.3	59.1	6.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
761.3	722.2	39.0	5.1	1988	701.6	145.7	92.5	476.15	42.4	11.23
778.4	743.5	34.8	4.5	1989	724.5	146.2	92.3	497.64	42.9	11.60
786.9	754.1	32.8	4.2	1990	744.0	148.1	92.9	518.49	43.1	12.03
				1990						
794.3	759.1	35.2	4.4	June	751.5	148.5	93.2	528.00	43.6	12.11
795.1	763.4	31.7	4.0	July	747.0	148.3	93.0	516.86	43.0	12.02
798.0	767.7	30.4	3.8	August	748.3	148.5	93.3	529.83	43.5	12.18
790.3	760.0	30.3	3.8	September	753.3	149.3	93.8	529.48	43.4	12.20
795.9	761.9	34.0	4.3	October	753.9	149.5	93.7	526.25	43.1	12.21
791.9	762.9	29.0	3.7	November	754.6	149.4	93.2	527.47	43.2	12.21
795.3	765.0	30.2	3.8	December	757.6	148.6	92.3	532.29	43.1	12.35
				1991						
772.3	733.9	38.4	5.0	January	737.3	147.3	91.5	521.14	42.3	12.32
773.1	734.6	38.5	5.0	February	737.9	146.6	91.0	515.76	42.0	12.28
785.8	745.0	40.7	5.2	March	744.4	146.0	90.3	516.18	42.0	12.29
796.4	755.8	40.6	5.1	April	751.3	144.7	89.3	511.66	41.7	12.27
795.9	762.1	33.7	4.2	May	758.3	145.6	90.1	528.73	42.4	12.47
INA	INA	INA	INA	June	763.2	145.8	90.0	541.40	42.9	12.62

INA – Information not available

Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
601	188	25	162	1980	413	34	39	102	33	122	84
592	180	22	157	1981	412	33	38	102	33	124	82
575	167	20	146	1982	408	32	37	102	32	124	80
576	161	20	140	1983	414	31	37	105	33	130	79
601	167	22	145	1984	433	32	39	111	34	137	79
628	171	23	147	1985	457	34	41	118	36	147	81
651	174	26	148	1986	477	33	42	122	38	156	85
678	176	30	146	1987	502	36	44	127	40	168	87
702	178	32	146	1988	524	38	45	135	42	176	88
725	180	34	146	1989	544	39	48	141	43	184	90
744	182	34	148	1990	562	41	49	141	44	193	94
				1990							
744	182	34	148	June	562	41	49	141	44	193	94
745	182	34	148	July	564	41	49	141	44	193	96
746	182	34	148	August	564	41	49	141	44	194	95
746	182	33	148	September	564	41	49	141	44	195	94
749	182	33	149	October	567	42	49	141	44	198	94
749	182	33	148	November	568	42	49	141	44	197	95
750	181	33	148	December	569	42	49	141	44	198	95
				1991							
752	182	33	148	January	570	42	48	142	44	196	96
753	182	34	148	February	571	42	49	141	44	199	96
754	181	34	147	March	573	42	48	142	44	200	96
753	180	34	146	April	573	42	49	142	44	200	96
754	180	34	146	May	574	42	49	142	44	201	96
756	179	34	146	June	576	42	49	143	44	202	96

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	763.2	758.3	751.5	4.9	11.7
Goods-Producing Industries[e]	181.0	179.9	184.0	1.1	-3.0
Construction	34.7	34.0	35.0	.8	-.3
Manufacturing	145.8	145.6	148.5	.3	-2.7
Durable Goods[f]	75.9	76.0	80.2	-.1	-4.3
Fabricated Metal Products	11.2	11.4	11.8	-.1	-.6
Fabricated Structural Metal Products	4.0	4.1	4.3	-.1	-.3
Industrial Machinery and Equipment	18.4	18.5	19.0	-.1	-.6
Electronic and Other Electric Equipment	7.3	7.2	8.0	.0	-.7
Transportation Equipment	24.1	23.9	25.2	.1	-1.1
Motor Vehicles and Equipment	4.8	4.8	5.1	.0	-.2
Instruments and Related Products	3.6	3.6	3.9	.0	-.2
Nondurable Goods[g]	69.9	69.6	68.4	.4	1.6
Food and Kindred Products	12.2	12.3	12.0	-.1	.2
Beverages	2.8	2.8	2.7	.0	.1
Apparel and Other Textile Products	3.2	3.2	3.3	.0	-.1
Paper and Allied Products	6.2	6.2	5.9	.1	.4
Printing and Publishing	15.2	15.2	14.6	.0	.6
Commercial Printing	6.4	6.4	5.9	.0	.5
Chemicals and Allied Products	24.2	23.9	23.1	.3	1.1
Rubber and Miscellaneous Plastics Products	6.3	6.2	6.8	.1	-.4
Service-Producing Industries	582.2	578.4	567.5	3.9	14.7
Transportation and Public Utilities	42.4	42.1	41.2	.3	1.2
Transportation	25.6	25.3	24.5	.3	1.1
Trucking and Warehousing	10.7	10.6	10.7	.1	.0
Transportation by Air	7.9	7.8	7.0	.1	.9
Communications, Electric, Gas Services	16.9	16.8	16.7	.1	.2
Communications	9.9	9.9	9.9	.0	.0
Wholesale Trade	49.3	48.8	48.9	.5	.4
Wholesale Trade-Durable Goods	28.1	27.8	28.1	.3	.0
Retail Trade	143.1	141.7	141.2	1.4	1.9
General Merchandise Stores	20.8	20.7	21.0	.1	-.2
Finance, Insurance, and Real Estate	44.6	44.1	44.2	.4	.4
Finance	17.7	17.6	17.7	.1	.0
Depository Institutions	13.2	13.1	13.3	.1	-.1
Commercial Banks	9.5	9.4	9.4	.0	.1
Insurance	17.3	17.3	17.2	.0	.1
Insurance Carriers	14.6	14.6	14.5	.0	.2
Life Insurance	6.8	6.9	6.7	.0	.2
Fire, Marine, and Casualty Insurance	5.5	5.5	5.4	.0	.1
Services	206.9	203.0	198.0	3.8	8.8
Hotels and Other Lodging Places	8.2	7.9	7.9	.3	.3
Personal Services	8.7	8.7	8.5	.0	.2
Business Services	41.7	41.0	39.0	.7	2.7
Services to Buildings	6.3	6.2	6.3	.0	.0
Computer and Data Processing Services	5.6	5.5	5.0	.1	.5
Amusements, Including Motion Pictures	15.7	13.7	15.5	1.9	.1
Health Services	60.9	60.5	58.8	.3	2.0
Nursing and Personal Care Facilities	12.0	11.9	11.4	.1	.6
Hospitals	28.3	28.2	28.1	.0	.2
Legal Services	4.6	4.4	4.4	.1	.1
Educational Services	7.1	7.6	7.1	-.5	.1
Social Services	13.6	13.6	12.9	.0	.7
Residential Care	5.0	4.9	4.7	.0	.3
Engineering and Management Services	19.4	19.0	18.0	.4	1.4
Engineering and Architectural Services	6.6	6.4	6.2	.2	.4
Government	96.0	98.6	94.0	-2.6	2.0
Federal Government	16.3	16.6	16.7	-.3	-.5
State Government	21.5	22.2	21.1	-.6	.5
State Government Education[h]	13.3	14.0	12.7	-.7	.6
Local Government	58.2	59.8	56.2	-1.7	1.9
Local Government Education	32.9	35.1	31.3	-2.2	1.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

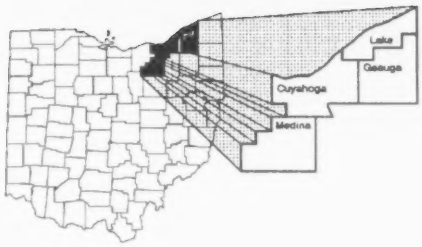
Not Seasonally Adjusted

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$541.40	$528.73	$528.00	42.9	42.4	43.6	$12.62	$12.47	$12.11
Durable Goods[f]	543.92	526.92	523.41	43.1	42.7	43.8	12.62	12.34	11.95
Fabricated Metal Products	444.98	428.90	434.85	41.9	41.4	42.8	10.62	10.36	10.16
Fabricated Structural Metal Products	482.94	460.65	482.89	42.7	42.3	43.7	11.31	10.89	11.05
Industrial Machinery and Equipment	487.34	487.06	467.42	42.6	42.8	42.3	11.44	11.38	11.05
Electronic and Other Electric Equipment	399.51	418.70	377.07	41.4	42.9	41.3	9.65	9.76	9.13
Transportation Equipment	830.79	781.51	836.63	46.7	45.2	48.5	17.79	17.29	17.25
Motor Vehicles and Equipment	988.40	920.14	998.22	50.3	48.2	52.4	19.65	19.09	19.05
Instruments and Related Products	452.91	437.18	393.30	44.1	43.2	43.7	10.27	10.12	9.00
Nondurable Goods[g]	537.61	530.04	530.86	42.6	42.1	43.3	12.62	12.59	12.26
Food and Kindred Products	509.32	508.22	501.98	42.8	42.6	43.2	11.90	11.93	11.62
Beverages	605.49	600.92	578.51	41.5	41.3	42.6	14.59	14.55	13.58
Apparel and Other Textile Products	253.08	268.93	259.00	37.0	38.2	38.2	6.84	7.04	6.78
Paper and Allied Products	446.89	460.65	466.09	40.7	41.5	42.8	10.98	11.10	10.89
Printing and Publishing	515.41	507.50	503.86	41.2	40.6	41.3	12.51	12.50	12.20
Commercial Printing	551.32	536.64	533.92	44.0	43.0	43.8	12.53	12.48	12.19
Chemicals and Allied Products	682.65	664.01	682.42	45.0	43.8	45.8	15.17	15.16	14.90
Rubber and Miscellaneous Plastics Products	428.83	424.20	437.56	42.5	42.0	43.8	10.09	10.10	9.99
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	626.20	628.16	595.63	40.4	40.5	40.3	15.50	15.51	14.78
Communications	621.32	628.43	591.07	39.6	39.9	39.3	15.69	15.75	15.04
Wholesale Trade	460.94	465.28	438.65	39.6	39.7	39.2	11.64	11.72	11.19
Retail Trade[i]	184.24	183.58	179.27	28.0	27.9	28.5	6.58	6.58	6.29
General Merchandise Stores	237.47	232.84	220.70	30.8	30.2	30.4	7.71	7.71	7.26
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	291.76	289.94	303.35	....	....	....	.....	.....	.....
Commercial Banks	263.85	263.62	273.27	....	....	....	.....	.....	.....
Insurance	.....	.....	.....	....	....	....	.....	.....	.....
Insurance Carriers	428.63	426.69	415.22	....	....	....	.....	.....	.....
Life Insurance	420.81	422.82	425.19	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	469.01	458.57	425.71	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	452.18	446.78	433.95	33.2	32.9	32.9	13.62	13.58	13.19
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	713.58	720.25	640.56	42.5	43.0	40.8	16.79	16.75	15.70

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Cleveland Primary Metropolitan Statistical Area

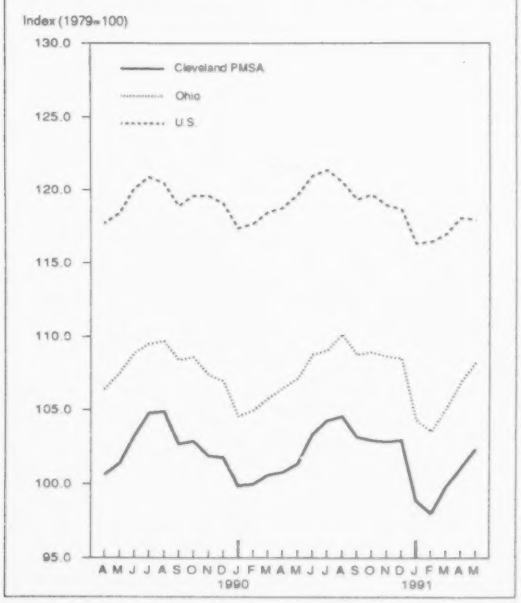


Nonfarm payroll employment in the Cleveland metropolitan area advanced 11,900 above the May level to 965,300 in June 1991. The workforce in service-producing industries rose 8,600. Modest gains were posted in services, retail trade, and government. More business in construction, especially special trade contractors, and improvements in manufacturing raised employment in goods-producing industries 3,300 to 240,700. Noteworthy increases were posted in transportation equipment, rubber and miscellaneous plastics products, and primary metal industries. Factory production workers averaged $12.66 per hour, up 21 cents from May. Their average workweek of 42.4 hours was one hour longer.

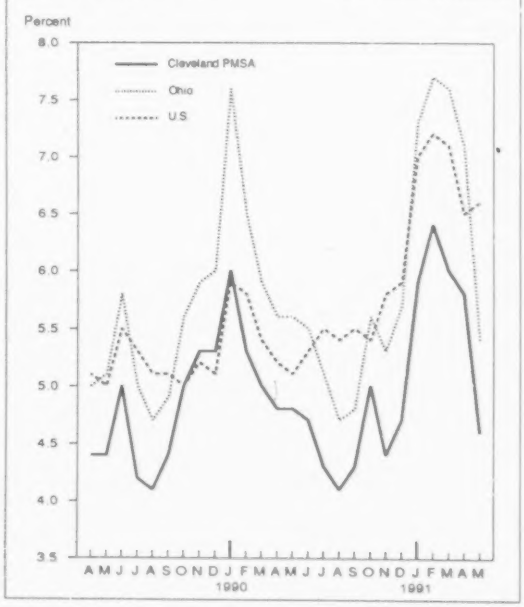
Nonagricultural wage and salary employment increased 100 between June 1990 and June 1991. Expansion in services helped raise employment in service-producing industries 5,600. Notable growth occurred in health services, social services, and engineering and management services. The number of federal government jobs declined from the year-ago level primarily due to the temporary hiring of census workers in 1990. Significant reductions in manufacturing lowered employment in goods-producing industries 5,500. Over-the-year cutbacks were recorded in industrial machinery and equipment, primary metal industries, and rubber and miscellaneous plastics products.

Seasonally adjusted employment in the Cleveland area totaled 953,000 in June 1991, up 1,000 from May. Nonfarm payroll employment was unchanged from June 1990. Growth in services and finance, insurance, and real estate counterbalanced declines in manufacturing and government.

Indexes of Total Employment
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	$350.38	40.6	$ 8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
936.5	885.0	51.4	5.5	1988	911.3	203.3	131.1	508.65	43.4	11.72
953.5	907.5	46.0	4.8	1989	935.8	207.6	133.7	509.87	43.1	11.83
954.8	909.1	45.7	4.8	1990	950.2	206.6	131.7	517.95	42.7	12.13
				1990						
965.0	919.7	45.3	4.7	June	965.2	208.6	133.3	534.25	43.4	12.31
969.0	926.9	42.1	4.3	July	962.7	207.8	132.2	514.74	42.4	12.14
969.6	930.3	39.4	4.1	August	956.3	206.1	131.1	518.38	42.7	12.14
958.0	917.2	40.8	4.3	September	960.3	207.4	133.0	530.56	43.1	12.31
954.4	915.9	48.5	5.0	October	959.4	207.6	132.4	527.24	42.9	12.29
956.7	914.6	42.2	4.4	November	956.5	205.2	129.5	518.87	42.6	12.18
960.9	915.4	45.5	4.7	December	957.6	204.5	128.7	516.01	42.4	12.17
				1991						
935.0	879.5	55.5	5.9	January	932.4	204.1	128.3	510.38	41.8	12.21
931.5	871.5	60.0	6.4	February	926.4	199.2	123.7	496.43	41.3	12.02
944.4	887.2	57.1	6.0	March	936.6	201.7	126.2	505.10	41.3	12.23
954.5	898.9	55.6	5.8	April	943.6	201.9	126.8	510.88	41.3	12.37
953.8	910.0	43.8	4.6	May	953.4	201.8	126.9	515.43	41.4	12.45
INA	INA	INA	INA	June	965.3	203.0	127.7	536.78	42.4	12.66

INA – Information not available

Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
896	286	30	255	1980	610	46	64	141	48	188	123
881	276	28	247	1981	605	45	63	137	48	192	120
845	249	25	223	1982	595	43	61	134	48	192	117
830	234	25	207	1983	596	41	59	136	48	196	116
854	243	28	214	1984	612	42	62	141	49	204	115
869	240	28	211	1985	629	41	63	146	50	213	116
879	232	26	205	1986	647	41	62	150	52	225	116
892	230	28	201	1987	662	41	61	154	55	233	117
911	234	29	203	1988	678	41	64	157	56	243	116
936	241	33	208	1989	694	42	65	159	57	253	118
950	242	35	207	1990	708	43	65	163	58	260	120
				1990							
953	243	35	207	June	710	43	65	163	58	260	121
951	243	35	207	July	708	43	65	163	58	261	118
948	242	35	206	August	707	43	65	164	58	262	115
953	242	34	206	September	711	43	65	164	58	261	120
953	242	34	207	October	711	43	65	164	58	261	120
949	240	34	204	November	710	43	65	164	58	261	119
949	239	35	203	December	710	43	65	163	58	261	119
				1991							
952	241	34	206	January	711	43	65	164	58	262	120
947	236	35	201	February	711	43	65	163	58	262	120
952	239	35	203	March	713	43	65	164	58	263	120
951	238	35	203	April	712	43	65	164	58	263	120
952	237	35	202	May	714	43	65	163	59	265	120
953	237	35	202	June	716	43	65	163	59	265	120

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	965.3	953.4	965.2	11.9	.1
Goods-Producing Industries[e]	240.7	237.4	246.2	3.3	-5.5
Construction	37.0	35.1	36.8	2.0	.3
Special Trade Contractors	25.6	24.1	25.5	1.4	.1
Manufacturing	203.0	201.8	208.6	1.2	-5.6
Durable Goods[f]	136.8	136.4	142.0	.4	-5.3
Stone, Clay, and Glass Products	3.7	3.6	3.7	.0	.0
Primary Metal Industries	19.4	19.1	20.5	.3	-1.1
Iron and Steel Foundries	4.4	4.2	4.4	.3	.0
Fabricated Metal Products	34.0	34.1	34.8	-.1	-.8
Screw Machine Products, Bolts, etc.	5.3	5.2	5.2	.0	.0
Metal Forgings and Stampings	10.9	11.1	11.1	-.2	-.2
Industrial Machinery and Equipment	31.3	31.5	33.6	-.1	-2.3
Metalworking Machinery	12.1	12.1	13.0	-.1	-.9
Electronic and Other Electric Equipment	15.1	15.1	15.6	.0	-.5
Electrical Industrial Apparatus	3.8	3.8	4.2	.0	-.4
Electric Lighting and Wiring Equipment	5.1	5.1	5.3	.0	-.1
Transportation Equipment	19.1	18.7	19.4	.4	-.3
Motor Vehicles and Equipment	11.7	11.4	11.9	.3	-.2
Instruments and Related Products	7.2	7.1	7.2	.0	-.1
Measuring and Controlling Devices	5.0	5.0	4.9	.0	.1
Nondurable Goods[g]	66.2	65.4	66.6	.8	-.3
Food and Kindred Products	6.5	6.4	6.5	.1	.0
Apparel and Other Textile Products	3.1	3.1	3.2	.0	-.1
Paper and Allied Products	5.9	6.0	6.0	.0	-.1
Printing and Publishing	17.9	17.8	17.7	.2	.2
Chemicals and Allied Products	15.2	15.1	14.9	.1	.2
Rubber and Miscellaneous Plastics Products	11.0	10.6	12.0	.4	-.9
Miscellaneous Plastics Products	7.3	7.2	7.5	.1	-.2
Service-Producing Industries	724.6	716.0	719.0	8.6	5.6
Transportation and Public Utilities	43.5	43.2	43.2	.3	.3
Transportation	26.4	26.1	25.5	.3	.9
Trucking and Warehousing	11.6	11.5	11.4	.1	.1
Transportation by Air	5.6	5.5	5.3	.1	.3
Communications, Electric, Gas Services	17.1	17.1	17.7	.0	-.6
Communications	10.1	10.1	10.4	.0	-.3
Electric, Gas, and Sanitary Services	7.0	7.0	7.3	.0	-.3
Wholesale Trade	65.6	64.9	65.8	.7	-.1
Wholesale Trade-Durable Goods	44.9	44.4	45.0	.5	-.1
Motor Vehicles, Parts, and Supplies	4.1	4.0	4.2	.1	-.1
Professional and Commercial Equipment	8.9	8.9	9.2	.0	-.3
Retail Trade	165.3	162.9	164.4	2.4	.9
General Merchandise Stores	19.5	19.3	20.5	.2	-1.0
Finance, Insurance, and Real Estate	59.0	58.3	58.5	.7	.4
Finance	27.7	27.5	28.0	.2	-.3
Depository Institutions	20.5	20.2	20.6	.3	-.2
Commercial Banks	13.0	12.8	13.2	.2	-.2
Insurance	19.5	19.3	19.1	.2	.4
Insurance Carriers	14.8	14.6	14.3	.2	.4
Fire, Marine, and Casualty Insurance	6.5	6.4	6.4	.1	.2
Services	269.2	265.7	264.1	3.5	5.1
Business Services	53.7	52.9	53.4	.9	.4
Personnel Supply Services	19.4	19.1	19.9	.3	-.5
Computer and Data Processing Services	7.0	6.9	6.7	.1	.3
Amusements, Including Motion Pictures	13.6	12.5	13.8	1.1	-.2
Health Services	82.2	81.6	80.3	.6	1.9
Nursing and Personal Care Facilities	14.8	14.6	14.4	.2	.4
Hospitals	43.6	43.5	43.2	.1	.4
Legal Services	10.4	10.0	10.0	.4	.3
Educational Services	16.7	17.8	17.0	-1.1	-.4
Social Services	16.0	16.0	15.0	.0	1.0
Residential Care	4.5	4.4	4.2	.0	.3
Engineering and Management Services	23.4	23.0	22.5	.4	.9
Engineering and Architectural Services	8.8	8.7	8.3	.1	.5
Accounting, Auditing, and Bookkeeping	6.4	6.4	6.2	.1	.2
Management and Public Relations	5.4	5.3	5.1	.1	.3
Government	122.0	121.0	123.1	1.0	-1.1
Federal Government	19.6	19.5	21.1	.1	-1.5
State Government	9.2	8.6	8.7	.6	.5
State Government Education[h]	3.9	3.5	3.5	.3	.4
Local Government	93.2	92.9	93.3	.3	-.1
Local Government Education	44.7	46.6	45.1	-1.9	-.4

Hours and Earnings of Production or Nonsupervisory Workers[a]

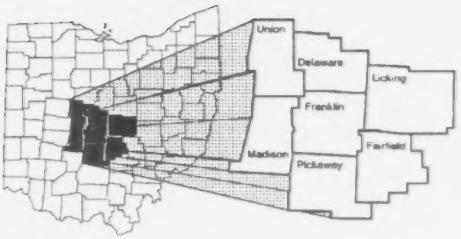
Not Seasonally Adjusted

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$536.78	$515.43	$534.25	42.4	41.4	43.4	$12.66	$12.45	$12.31
Durable Goods[f]	569.75	542.56	574.54	43.0	41.8	44.4	13.25	12.98	12.94
Stone, Clay, and Glass Products	502.02	500.91	495.33	41.8	42.2	41.8	12.01	11.87	11.85
Primary Metal Industries	586.94	545.65	573.50	44.6	43.1	45.3	13.16	12.66	12.66
Iron and Steel Foundries	862.87	793.78	999.44	45.2	43.0	52.0	19.09	18.46	19.22
Fabricated Metal Products	586.94	544.74	559.82	43.9	42.0	43.6	13.37	12.97	12.84
Screw Machine Products, Bolts, etc.	547.24	514.31	547.80	44.6	42.4	44.0	12.27	12.13	12.45
Metal Forgings and Stampings	739.35	678.11	717.54	45.0	43.0	45.5	16.43	15.77	15.77
Industrial Machinery and Equipment	512.68	519.82	578.93	42.3	42.4	46.5	12.12	12.26	12.45
Metalworking Machinery	469.45	481.44	587.25	40.4	40.8	47.9	11.62	11.80	12.26
Electronic and Other Electric Equipment	431.08	405.79	414.40	40.1	38.5	40.0	10.75	10.54	10.36
Electrical Industrial Apparatus	442.05	437.41	459.17	41.9	41.5	43.4	10.55	10.54	10.58
Electric Lighting and Wiring Equipment	399.60	398.77	367.00	36.0	35.7	36.7	11.10	11.17	10.00
Transportation Equipment	796.09	747.86	806.75	44.4	42.3	46.1	17.93	17.68	17.50
Motor Vehicles and Equipment	888.29	815.35	919.20	45.6	42.4	47.9	19.48	19.23	19.19
Instruments and Related Products	434.16	445.54	454.16	40.2	40.8	41.4	10.80	10.92	10.97
Measuring and Controlling Devices	442.82	442.54	461.47	40.7	40.6	41.8	10.88	10.90	11.04
Nondurable Goods[g]	457.97	451.58	437.72	41.0	40.5	41.1	11.17	11.15	10.65
Food and Kindred Products	456.67	449.30	438.59	39.3	38.9	39.3	11.62	11.55	11.16
Apparel and Other Textile Products	426.54	416.07	369.08	40.7	40.2	37.7	10.48	10.35	9.79
Paper and Allied Products	512.90	499.90	501.16	43.8	42.8	44.0	11.71	11.68	11.39
Printing and Publishing	373.22	383.88	396.79	36.2	36.7	38.3	10.31	10.46	10.36
Chemicals and Allied Products	590.04	583.68	540.59	44.0	43.3	42.3	13.41	13.48	12.78
Rubber and Miscellaneous Plastics Products	387.69	385.63	381.78	41.2	41.2	42.8	9.41	9.36	8.92
Miscellaneous Plastics Products	390.86	403.01	380.84	40.8	42.2	42.6	9.58	9.55	8.94
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	550.37	531.43	504.27	37.8	36.3	36.2	14.56	14.64	13.93
Communications, Electric, Gas Services	702.60	688.79	621.68	44.3	43.9	40.5	15.86	15.69	15.35
Wholesale Trade	477.53	477.50	466.09	39.4	39.3	39.6	12.12	12.15	11.77
Retail Trade[j]	202.60	200.20	192.64	28.1	27.5	28.0	7.21	7.28	6.88
General Merchandise Stores	206.15	203.19	186.73	29.2	28.3	27.5	7.06	7.18	6.79
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	334.14	334.69	319.30	....	....	....	.....	.....	.....
Depository Institutions	306.44	303.94	293.05	....	....	....	.....	.....	.....
Commercial Banks	288.49	284.57	285.75	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	343.79	342.99	337.90	31.0	30.9	31.2	11.09	11.10	10.83
Nursing and Personal Care Facilities	260.84	254.17	243.76	33.7	33.4	33.3	7.74	7.61	7.32
Hospitals	381.22	380.57	372.10	30.4	30.3	30.4	12.54	12.56	12.24

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Columbus Metropolitan Statistical Area

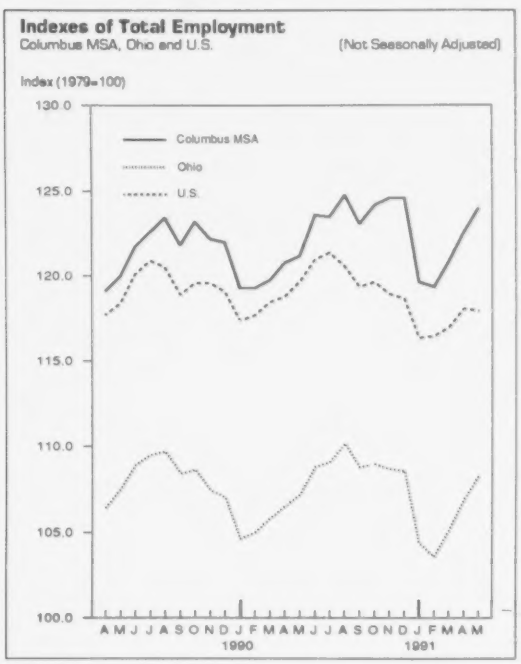


In the Columbus metropolitan area, nonfarm payroll employment rose 8,000 above the May level to 742,500 in June 1991. Employment in the service-producing sector increased 5,800 primarily due to seasonal gains in services, state government, and retail trade. More business in construction and improvements in manufacturing, especially electronic and other electric equipment, raised employment in goods-producing industries 2,200 to 136,600. Factory production workers averaged $12.88 per hour, down fractionally from May. Their average workweek of 42.6 hours was 0.4 hours longer.

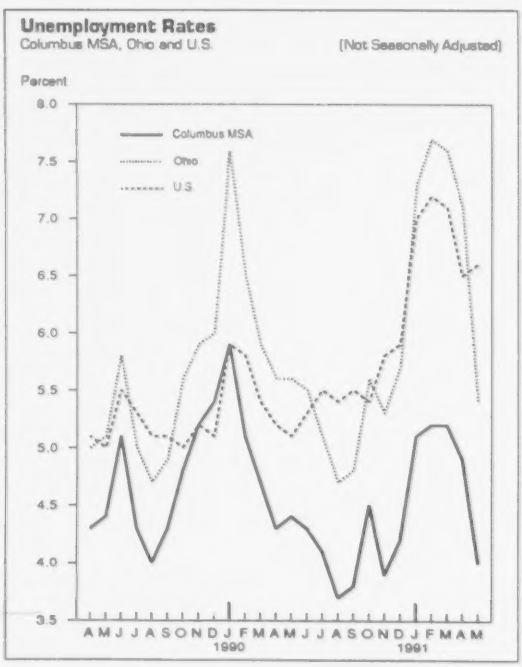
Nonagricultural wage and salary employment advanced 10,500 between June 1990 and June 1991. Expansion in service-producing industries created 11,000 jobs. The leading growth industry was services, most notably business services (+3,700) and health services (+1,900). Moderate gains were posted in local and state schools and colleges and in retail trade. Reductions in manufacturing lowered employment in goods-producing industries 500. Over-the-year cutbacks in fabricated metal products, industrial machinery and equipment, and instruments and related products negated improvements in electronic and other electric equipment and food and kindred products.

Seasonally adjusted employment in the Columbus area increased 3,000 from May to 735,000 in June 1991 mainly due to gains in manufacturing, retail trade, and government. Since June 1990, nonfarm payroll employment advanced 10,000. Services added 8,000 employees; government went up 2,000; and retail trade rose 1,000.

Indexes of Total Employment
Columbus MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Columbus MSA, Ohio and U.S. (Not Seasonally Adjusted)



Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.05	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.2	676.2	35.0	4.9	1988	680.5	102.6	67.9	479.33	41.5	11.55
733.7	698.9	34.8	4.7	1989	704.7	104.9	69.5	500.82	41.7	12.01
739.5	706.9	32.6	4.4	1990	722.7	104.5	69.7	522.48	42.0	12.44
				1990						
745.8	713.6	32.2	4.3	June	731.9	105.3	70.3	520.80	42.0	12.40
744.1	713.2	30.9	4.1	July	722.0	103.8	68.7	524.15	42.1	12.45
748.3	720.9	27.4	3.7	August	724.3	105.1	70.0	515.41	41.7	12.36
739.5	711.1	28.4	3.8	September	728.2	105.6	70.7	529.61	42.2	12.55
750.9	717.2	33.7	4.5	October	735.2	106.1	70.7	530.88	42.1	12.61
748.9	719.6	29.3	3.9	November	737.1	105.0	69.7	541.40	42.9	12.62
751.7	719.8	31.9	4.2	December	737.3	104.6	69.4	549.11	43.0	12.77
				1991						
728.4	691.4	37.0	5.1	January	717.4	104.3	69.3	529.59	41.7	12.70
727.5	689.6	38.0	5.2	February	717.7	103.6	68.9	524.10	41.3	12.69
736.7	698.3	38.4	5.2	March	722.6	103.6	69.0	537.13	41.8	12.85
744.5	707.9	36.6	4.9	April	727.5	103.7	69.0	541.80	42.0	12.90
745.5	716.1	29.5	4.0	May	734.5	104.0	69.4	544.80	42.2	12.91
INA	INA	INA	INA	June	742.5	104.7	69.9	548.69	42.6	12.88

INA – Information not available

Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
560	135	21	113	1980	[illegible]	27	29	101	40	113	115
557	130	19	109	1981	427	26	29	101	42	116	113
544	118	16	101	1982	426	25	28	100	44	117	111
548	117	17	99	1983	432	25	29	103	45	120	110
576	125	19	105	1984	451	26	31	110	47	127	110
604	129	22	106	1985	475	26	32	119	49	136	112
631	131	24	106	1986	500	27	32	125	54	146	116
658	132	27	104	1987	526	28	34	133	57	154	119
680	133	29	103	1988	548	30	36	138	59	162	123
705	135	30	105	1989	569	31	37	145	60	172	125
723	135	29	105	1990	588	31	36	148	61	183	129
				1990							
725	136	30	105	June	589	31	36	148	61	183	130
725	134	29	104	July	592	31	36	148	61	184	131
726	135	29	105	August	591	31	36	149	61	185	130
726	135	29	105	September	591	31	36	149	61	185	130
727	135	29	105	October	592	31	36	149	61	186	130
727	134	29	104	November	593	31	36	149	61	186	130
728	134	29	104	December	593	31	36	149	61	187	130
				1991							
729	135	29	105	January	594	31	36	149	61	187	130
729	134	29	105	February	595	31	36	148	61	188	131
731	135	30	104	March	596	31	36	149	61	189	130
730	135	30	104	April	595	31	36	148	61	190	130
732	135	30	104	May	598	31	36	148	61	191	131
735	135	30	105	June	600	31	36	149	61	191	132

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	742.5	734.5	731.9	8.0	10.5
Goods-Producing Industries[e]	136.6	134.4	137.1	2.2	-.5
Construction	31.0	29.5	30.9	1.4	.1
Manufacturing	104.7	104.0	105.3	.7	-.6
Durable Goods[f]	66.1	65.5	66.7	.6	-.7
Stone, Clay, and Glass Products	9.3	9.2	9.5	.1	-.2
Glass and Glassware, Pressed or Blown	3.5	3.6	3.6	-.1	-.1
Fabricated Metal Products	8.9	9.0	9.9	-.1	-1.0
Industrial Machinery and Equipment	9.5	9.6	10.0	-.1	-.5
Electronic and Other Electric Equipment	10.5	10.1	9.4	.4	1.1
Transportation Equipment	15.8	15.7	15.6	.1	.2
Motor Vehicles and Equipment	14.1	14.1	13.9	.1	.2
Instruments and Related Products	4.1	4.1	4.5	.0	-.4
Nondurable Goods[g]	38.6	38.5	38.5	.2	.1
Food and Kindred Products	11.1	11.0	10.4	.1	.7
Dairy Products	4.2	4.2	3.8	.0	.4
Printing and Publishing	10.9	10.8	10.7	.1	.2
Chemicals and Allied Products	6.7	6.6	7.0	.1	-.3
Rubber and Miscellaneous Plastics Products	6.1	6.1	6.1	.0	.0
Service-Producing Industries	605.9	600.1	594.9	5.8	11.0
Transportation and Public Utilities	30.8	30.6	30.8	.2	.0
Transportation	18.1	17.9	18.1	.2	.0
Trucking and Warehousing	13.0	12.9	12.8	.1	.1
Communications, Electric, Gas Services	12.8	12.7	12.7	.0	.0
Communications	8.0	8.0	7.9	.0	.1
Electric, Gas, and Sanitary Services	4.7	4.7	4.8	.0	-.1
Wholesale Trade	36.5	36.2	36.2	.3	.3
Wholesale Trade-Durable Goods	22.8	22.7	23.1	.1	-.2
Motor Vehicles, Parts, and Supplies	3.1	3.1	3.1	.0	.0
Machinery, Equipment, and Supplies	5.0	4.9	5.2	.0	-.3
Wholesale Trade-Nondurable Goods	13.7	13.5	13.2	.2	.5
Retail Trade	148.6	147.7	147.6	.9	1.0
General Merchandise Stores	20.6	20.5	20.6	.1	.0
Food Stores	16.2	16.1	17.1	.1	-1.0
Automotive Dealers and Service Stations	14.4	14.3	14.2	.1	.3
Finance, Insurance, and Real Estate	61.5	60.9	61.3	.6	.2
Finance	24.4	24.1	24.6	.3	-.1
Depository Institutions	13.6	13.4	14.0	.2	-.4
Commercial Banks	11.5	11.3	11.5	.2	.0
Insurance	27.1	27.0	27.2	.0	-.1
Insurance Carriers	23.0	23.0	23.2	.1	-.2
Services	193.5	191.3	185.3	2.2	8.2
Business Services	45.8	45.0	42.2	.8	3.7
Personnel Supply Services	19.2	18.7	16.7	.5	2.5
Health Services	48.4	48.0	46.5	.4	1.9
Nursing and Personal Care Facilities	8.6	8.6	8.2	.0	.4
Hospitals	22.5	22.3	21.9	.2	.6
Legal Services	4.8	4.6	4.7	.1	.1
Educational Services	6.6	7.5	7.0	-.9	-.4
Social Services	13.9	13.8	13.1	.0	.8
Engineering and Management Services	18.8	18.7	18.3	.1	.5
Engineering and Architectural Services	5.4	5.3	5.0	.1	.4
Accounting, Auditing, and Bookkeeping	3.9	3.9	3.8	.0	.1
Research and Testing Services	5.8	5.8	5.9	.0	.0
Government	134.9	133.3	133.5	1.6	1.4
Federal Government	15.5	15.6	17.5	.0	-2.0
State Government	59.9	58.4	58.6	1.5	1.2
State Government Education[h]	25.8	25.2	24.6	.6	1.3
Local Government	59.5	59.3	57.3	.1	2.2
Local Government Education	35.8	35.5	34.2	.8	1.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

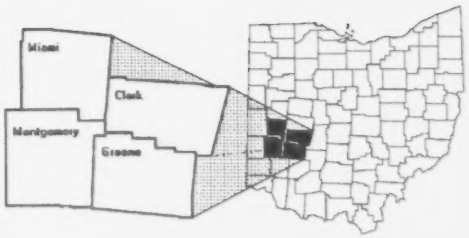
Not Seasonally Adjusted

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$548.69	$544.80	$520.80	42.6	42.2	42.0	$12.88	$12.91	$12.40
Durable Goods[f]	572.45	568.89	538.48	43.4	43.0	42.3	13.19	13.23	12.73
Stone, Clay, and Glass Products	554.27	547.12	519.09	44.2	43.7	42.9	12.54	12.52	12.10
Glass and Glassware, Pressed or Blown	490.36	475.69	468.15	42.2	41.4	42.1	11.62	11.49	11.12
Fabricated Metal Products	554.76	561.26	541.73	41.4	42.2	41.8	13.40	13.30	12.96
Industrial Machinery and Equipment	561.98	525.84	535.62	43.7	41.7	43.3	12.86	12.61	12.37
Electronic and Other Electric Equipment	565.07	550.41	493.29	43.4	42.8	40.6	13.02	12.86	12.15
Transportation Equipment	668.42	685.35	631.31	44.8	45.0	43.3	14.92	15.23	14.58
Motor Vehicles and Equipment	679.95	697.89	637.11	45.0	45.2	43.4	15.11	15.44	14.68
Instruments and Related Products	432.95	431.03	445.63	40.2	39.8	41.3	10.77	10.83	10.79
Nondurable Goods[g]	504.70	496.53	484.79	41.2	40.5	41.4	12.25	12.26	11.71
Food and Kindred Products	452.28	445.67	435.97	41.8	41.0	41.6	10.82	10.87	10.48
Dairy Products	656.88	606.05	610.16	46.0	42.8	44.7	14.28	14.16	13.65
Printing and Publishing	577.24	577.71	554.58	39.7	39.3	40.1	14.54	14.70	13.83
Chemicals and Allied Products	638.43	636.13	615.08	41.7	41.2	41.7	15.31	15.44	14.75
Rubber and Miscellaneous Plastics Products	400.57	393.16	395.85	41.0	40.7	41.8	9.77	9.66	9.47
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	457.76	450.92	463.99	34.6	34.5	35.5	13.23	13.07	13.07
Communications, Electric, Gas Services	681.77	682.65	682.21	43.9	43.9	43.9	15.53	15.55	15.54
Communications	693.06	694.40	594.61	44.8	44.8	39.8	15.47	15.50	14.94
Electric, Gas, and Sanitary Services	665.13	663.56	826.92	42.5	42.4	50.7	15.65	15.65	16.31
Wholesale Trade	424.83	417.40	400.72	39.3	38.9	38.2	10.81	10.73	10.49
Retail Trade[i]	193.48	188.19	183.58	27.6	27.0	27.4	7.01	6.97	6.70
General Merchandise Stores	236.10	229.80	203.49	30.0	29.2	28.5	7.87	7.87	7.14
Food Stores	196.73	191.44	192.36	27.6	26.7	28.0	7.13	7.17	6.87
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	491.38	491.60	454.31	....	....	....	.....	.....	.....
Depository Institutions	303.69	304.47	295.94	....	....	....	.....	.....	.....
Commercial Banks	302.38	304.33	292.91	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	247.59	248.54	232.31	31.5	31.5	32.4	7.86	7.89	7.17
Hospitals	393.77	393.92	405.95	33.8	33.9	34.2	11.65	11.62	11.87
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	524.76	524.72	488.36	38.9	39.1	39.1	13.49	13.42	12.49

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Dayton-Springfield Metropolitan Statistical Area

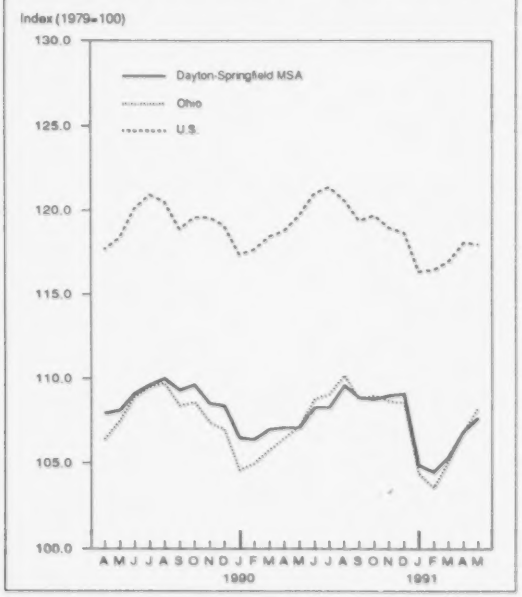


Nonagricultural payroll employment in the Dayton-Springfield metropolitan area totaled 453,800 in June 1991, up 500 from May. More business in construction and scattered increases in manufacturing raised employment in goods-producing industries 1,000 to 116,000. The number of jobs in service-producing industries decreased 500 over the month. Seasonal layoffs of nonteaching personnel in local and private schools and colleges outweighed modest gains in services and retail trade. Manufacturing production workers averaged $14.03 per hour, up 22 cents from May. Their average workweek of 42.4 hours was 0.9 hours longer.

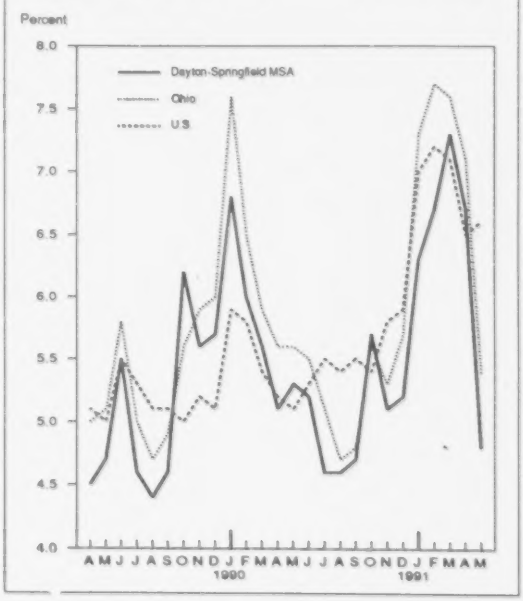
Nonfarm wage and salary employment declined 1,500 between June 1990 and June 1991. Significant over-the-year cutbacks in durable-goods manufacturing lowered employment in goods-producing industries 5,600. Industrial machinery and equipment lost 2,300 jobs; transportation equipment was down 1,100. The workforce in service-producing industries advanced 4,100 during the period. Noteworthy expansion occurred in services, especially business services and health services, and in retail trade. Employment in federal government declined from the year-ago level primarily due to the temporary hiring of census workers in 1990.

Seasonally adjusted employment in the Dayton-Springfield area decreased 1,000 from May to 451,000 in June 1991. Declines were posted in manufacturing and government. Since June 1990, nonfarm payroll employment dropped 2,000. A reduction in manufacturing (-6,000) overshadowed scattered gains in service-producing industries.

Indexes of Total Employment
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)



Dayton–Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.91	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
468.2	443.9	24.4	5.2	1988	437.7	105.0	67.5	548.14	43.4	12.63
478.2	453.8	24.4	5.1	1989	448.4	105.0	67.5	555.56	42.9	12.95
476.8	451.5	25.4	5.3	1990	452.2	102.6	66.4	565.40	42.1	13.43
				1990						
477.8	452.8	25.0	5.2	June	455.3	104.3	67.8	605.68	43.7	13.86
474.5	452.6	21.9	4.6	July	449.6	103.9	67.0	570.54	42.2	13.52
480.1	458.0	22.1	4.6	August	450.7	103.0	66.3	557.19	41.8	13.33
477.3	455.0	22.3	4.7	September	456.3	103.2	66.9	590.04	43.1	13.69
482.1	454.7	27.4	5.7	October	456.4	102.6	66.8	580.98	42.5	13.67
480.2	455.8	24.4	5.1	November	457.1	101.7	66.1	564.62	41.7	13.54
480.9	456.0	24.9	5.2	December	457.4	101.1	65.5	564.40	41.5	13.60
				1991						
468.2	438.6	29.6	6.3	January	445.6	100.1	64.6	562.51	41.3	13.62
468.1	436.7	31.4	6.7	February	445.1	98.7	63.3	545.66	40.6	13.44
475.2	440.5	34.7	7.3	March	446.0	96.9	61.6	551.86	41.0	13.46
478.7	446.8	31.9	6.7	April	449.7	97.4	62.1	562.63	41.4	13.59
472.5	450.0	22.5	4.8	May	453.3	98.7	63.6	573.12	41.5	13.61
INA	INA	INA	INA	June	453.8	99.0	63.7	594.87	42.4	14.03

INA – Information not available

Dayton–Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
397	126	15	111	1980	271	16	17	66	16	82	75
393	123	13	110	1981	270	15	18	64	16	84	74
374	108	10	97	1982	266	14	18	62	16	85	72
372	106	11	96	1983	266	14	18	63	16	85	71
393	116	12	104	1984	277	15	19	67	16	89	71
409	120	13	106	1985	289	14	19	71	17	95	72
419	121	15	106	1986	298	15	19	75	17	100	73
430	121	16	104	1987	309	16	19	78	18	104	74
438	123	17	105	1988	315	17	20	79	18	108	73
448	123	18	105	1989	325	17	20	80	18	114	76
452	119	16	103	1990	333	18	20	82	17	118	77
				1990							
453	120	16	104	June	333	18	20	82	17	118	77
453	120	16	103	July	333	18	20	82	17	118	77
453	119	16	103	August	334	18	20	82	17	118	78
452	118	16	102	September	334	19	20	82	17	119	77
452	118	15	102	October	334	18	20	82	17	119	77
452	117	15	101	November	334	19	20	82	17	119	77
452	117	15	101	December	335	19	20	82	18	120	77
				1991							
451	117	15	101	January	334	18	20	83	18	119	77
452	116	16	100	February	336	18	20	83	18	120	77
450	114	16	98	March	336	19	20	83	18	120	77
450	114	16	98	April	336	19	20	83	18	120	76
452	115	16	99	May	337	19	20	83	18	121	77
451	115	16	98	June	337	19	20	83	18	121	76

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	453.8	453.3	455.3	.5	-1.5
Goods-Producing Industries[e]	116.0	115.0	121.6	1.0	-5.6
Construction	16.5	15.9	16.9	.7	-.4
Manufacturing	99.0	98.7	104.3	.3	-5.2
Durable Goods[f]	69.9	69.7	74.9	.2	-5.0
Fabricated Metal Products	7.8	7.7	8.4	.1	-.7
Industrial Machinery and Equipment	29.2	29.1	31.5	.1	-2.3
Metalworking Machinery	7.6	7.6	8.5	.0	-.9
General Industrial Machinery	2.7	2.7	2.9	.0	-.2
Electronic and Other Electric Equipment	3.3	3.4	3.5	-.1	-.2
Transportation Equipment	20.9	20.8	22.0	.1	-1.1
Motor Vehicles and Equipment	18.2	18.1	18.8	.2	-.5
Nondurable Goods[g]	29.2	29.0	29.4	.2	-.2
Food and Kindred Products	2.8	2.8	2.6	.0	.2
Paper and Allied Products	6.3	6.3	6.3	.1	.0
Printing and Publishing	8.6	8.6	8.9	.0	-.4
Rubber and Miscellaneous Plastics Products	7.8	7.7	7.9	.1	-.1
Service-Producing Industries	337.8	338.3	333.7	-.5	4.1
Transportation and Public Utilities	18.9	18.8	18.3	.1	.6
Transportation	12.4	12.2	11.9	.1	.5
Trucking and Warehousing	6.0	5.9	6.1	.1	-.1
Communications, Electric, Gas Services	6.5	6.5	6.5	.0	.1
Communications	3.4	3.4	3.4	.0	.0
Wholesale Trade	20.2	20.0	20.3	.2	-.1
Wholesale Trade-Durable Goods	13.7	13.5	13.9	.2	-.2
Wholesale Trade-Nondurable Goods	6.5	6.5	6.4	.0	.1
Retail Trade	84.0	83.4	82.6	.6	1.4
General Merchandise Stores	12.6	12.6	12.6	.0	.0
Finance, Insurance, and Real Estate	17.9	17.7	17.5	.2	.4
Finance	9.7	9.6	9.5	.1	.2
Depository Institutions	7.4	7.4	7.3	.0	.2
Insurance	4.7	4.6	4.3	.0	.3
Services	121.2	120.3	117.9	.9	3.3
Business Services	25.0	24.7	23.8	.3	1.2
Personnel Supply Services	7.6	7.5	6.9	.1	.7
Computer and Data Processing Services	6.2	6.1	5.8	.0	.3
Health Services	40.1	39.9	39.0	.3	1.1
Nursing and Personal Care Facilities	7.1	7.1	6.9	.0	.2
Hospitals	20.1	20.0	19.7	.1	.4
Educational Services	6.6	7.6	6.5	-1.1	.1
Social Services	6.6	6.6	6.3	.0	.3
Engineering and Management Services	10.5	10.4	10.5	.1	.0
Research and Testing Services	3.2	3.1	3.2	.1	.0
Government	75.6	78.1	77.0	-2.5	-1.5
Federal Government	28.2	28.2	29.2	.1	-1.0
State Government	7.5	7.4	7.6	.1	.0
State Government Education[h]	4.6	4.6	4.5	.0	.1
Local Government	39.8	42.4	40.2	-2.7	-.4
Local Government Education	23.4	26.7	23.7	-3.3	-.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

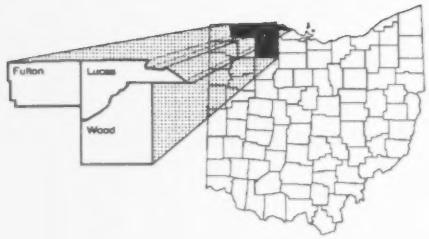
Not Seasonally Adjusted

Dayton–Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$594.87	$573.12	$605.68	42.4	41.5	43.7	$14.03	$13.81	$13.86
Durable Goods[f]	620.33	591.89	631.28	42.9	41.8	44.3	14.46	14.16	14.25
Fabricated Metal Products	404.97	407.18	421.10	40.7	40.8	41.9	9.95	9.98	10.05
Industrial Machinery and Equipment	642.06	630.63	606.30	43.5	42.9	43.0	14.76	14.70	14.10
Metalworking Machinery	588.20	568.89	598.07	43.7	43.0	44.9	13.46	13.23	13.32
General Industrial Machinery	573.30	565.90	545.66	45.5	45.2	45.7	12.60	12.52	11.94
Electronic and Other Electric Equipment	386.37	374.10	387.50	41.5	41.2	43.2	9.31	9.08	8.97
Transportation Equipment	792.48	728.64	855.36	44.1	41.9	48.0	17.97	17.39	17.82
Motor Vehicles and Equipment	811.07	738.51	880.76	44.2	41.7	48.5	18.35	17.71	18.16
Nondurable Goods[g]	527.67	527.20	531.72	41.0	40.9	42.1	12.87	12.89	12.63
Food and Kindred Products	359.09	352.55	367.85	40.6	40.2	41.1	8.82	8.77	8.95
Paper and Allied Products	511.97	513.83	505.12	42.7	42.5	44.0	11.99	12.09	11.48
Printing and Publishing	465.21	468.81	455.12	38.8	39.1	38.8	11.99	11.99	11.73
Rubber and Miscellaneous Plastics Products	682.00	683.30	712.34	40.0	40.1	42.2	17.05	17.04	16.88
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	610.75	617.11	565.21	41.1	41.5	40.2	14.86	14.87	14.06
Communications	635.62	646.67	566.35	41.9	42.6	39.8	15.17	15.18	14.23
Wholesale Trade	396.31	388.39	398.59	39.2	38.8	39.7	10.11	10.01	10.04
Retail Trade[i]	183.86	183.58	177.37	28.2	28.2	28.7	6.52	6.51	6.18
General Merchandise Stores	194.82	203.82	182.17	28.4	29.2	28.2	6.86	6.98	6.46
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	282.23	279.10	273.38	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	420.70	427.61	416.93	33.9	34.1	34.6	12.41	12.54	12.05

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

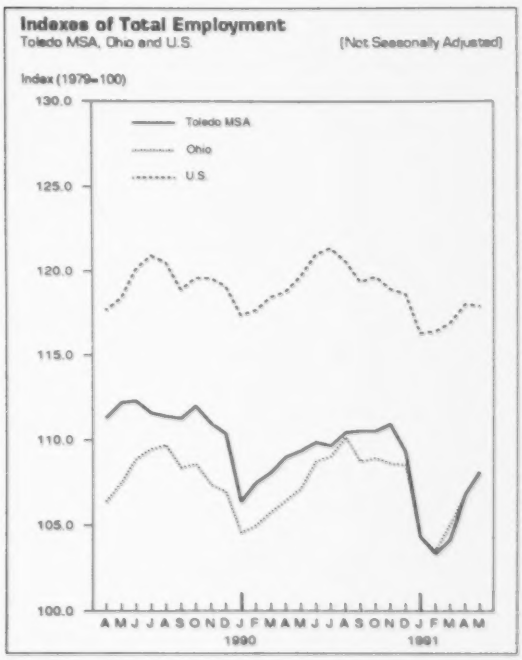
Toledo Metropolitan Statistical Area

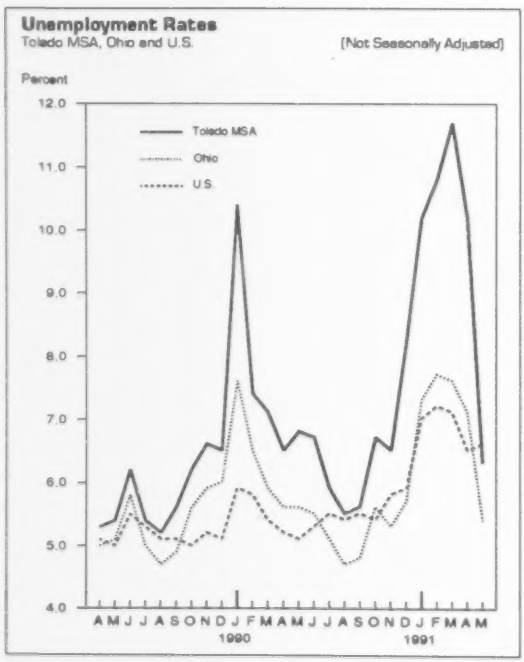


Nonagricultural payroll employment in the Toledo metropolitan area rose 3,300 above the May level to 292,100 in June 1991. The recall of workers from temporary layoffs in durable-goods manufacturing, particularly in transportation equipment (+4,500), helped raise employment in goods-producing industries 5,200 over the month to 70,300. The number of jobs in service-producing industries declined 1,900. Seasonal layoffs of nonteaching personnel in state schools and colleges outweighed more business in services. Manufacturing production workers averaged $13.96 per hour, up 40 cents from May. Their average workweek increased fractionally to 42.2 hours.

Nonfarm wage and salary employment dropped 1,000 between June 1990 and June 1991. Over-the-year reductions among manufacturers of durable goods lowered employment in goods-producing industries 2,800. Noteworthy reductions were posted in stone, clay, and glass products and in transportation equipment. Expansion in the service-producing sector created 1,800 jobs. Significant growth in services more than offset scattered declines.

Seasonally adjusted employment in the Toledo area advanced 4,000 from May to 291,000 in June 1991 mainly due to the recall of manufacturing workers. Since June 1990, nonfarm payroll employment decreased 1,000. Reductions in manufacturing, construction, transportation and public utilities, and retail trade offset expansion in services.





Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
311.0	292.7	18.2	5.9	1988	286.6	62.7	44.9	566.78	43.2	13.12
316.2	297.4	18.8	6.0	1989	291.9	61.5	43.9	576.81	43.5	13.26
313.9	292.1	21.8	6.9	1990	290.7	59.2	42.2	580.13	43.1	13.46
				1990						
314.9	293.7	21.2	6.7	June	293.1	60.7	43.7	585.90	43.4	13.50
311.6	293.1	18.5	5.9	July	288.9	60.4	43.4	576.09	42.8	13.46
312.3	295.2	17.1	5.5	August	288.4	60.4	43.5	584.87	43.1	13.57
312.9	295.4	17.5	5.6	September	294.4	61.1	44.2	610.94	44.4	13.76
316.7	295.4	21.2	6.7	October	294.8	59.5	42.8	585.30	43.1	13.58
317.3	296.6	20.7	6.5	November	295.7	59.5	42.5	595.88	43.4	13.73
318.4	292.3	26.1	8.2	December	291.4	55.2	38.4	573.52	42.8	13.40
				1991						
310.7	279.0	31.7	10.2	January	281.7	53.9	37.2	566.95	42.5	13.34
309.6	276.2	33.4	10.8	February	280.0	52.9	36.2	561.26	42.2	13.30
315.2	278.4	36.8	11.7	March	280.4	50.1	33.5	549.87	42.2	13.03
318.2	285.6	32.6	10.2	April	285.7	53.1	36.5	570.97	42.2	13.53
308.5	289.1	19.4	6.3	May	288.9	53.4	36.8	570.88	42.1	13.56
INA	INA	INA	INA	June	292.1	58.3	41.6	589.11	42.2	13.96

INA – Information not available

Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
257	77	10	66	1980	180	16	14	46	9	54	40
254	76	9	66	1981	179	16	14	46	9	55	39
244	68	7	60	1982	177	14	14	44	9	57	38
245	67	7	60	1983	178	14	14	44	9	58	39
257	73	8	65	1984	184	14	15	47	10	59	39
265	74	9	66	1985	190	14	15	50	10	62	40
272	73	9	63	1986	199	14	15	52	11	67	41
278	73	10	62	1987	206	14	15	54	12	70	42
287	74	11	63	1988	213	13	15	57	12	73	42
292	74	12	62	1989	218	14	16	58	12	75	43
291	71	12	59	1990	219	15	15	57	12	77	44
				1990							
292	72	12	60	June	220	15	15	57	12	76	44
292	72	12	60	July	220	15	15	57	12	77	44
292	72	12	60	August	220	15	15	57	12	77	44
291	72	12	60	September	220	15	15	57	12	77	44
290	71	11	59	October	220	15	15	57	12	77	44
291	71	11	59	November	220	15	15	57	12	77	44
287	67	11	56	December	220	15	15	56	12	78	44
				1991							
287	66	11	55	January	221	15	15	56	12	78	44
285	65	11	54	February	220	15	15	56	12	78	43
283	62	11	51	March	221	15	15	56	12	79	44
286	65	11	53	April	221	15	15	56	12	79	44
287	65	11	54	May	222	15	15	56	12	79	44
291	70	11	58	June	222	14	15	56	12	80	44

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	292.1	288.9	293.1	3.3	-1.0
Goods-Producing Industries[e]	70.3	65.2	73.1	5.2	-2.8
Construction	11.8	11.6	12.2	.3	-.3
Manufacturing	58.3	53.4	60.7	4.9	-2.4
Durable Goods[f]	43.3	38.7	45.6	4.6	-2.3
Stone, Clay, and Glass Products	7.3	7.4	8.2	-.2	-1.0
Primary Metal Industries	3.0	3.0	3.2	.0	-.1
Fabricated Metal Products	6.4	6.2	6.8	.2	-.4
Metal Forgings and Stampings	2.5	2.3	2.6	.2	-.1
Industrial Machinery and Equipment	5.7	5.7	5.7	.1	.0
Transportation Equipment	13.6	9.2	14.6	4.5	-1.0
Nondurable Goods[g]	15.0	14.7	15.1	.3	-.1
Food and Kindred Products	3.8	3.6	3.8	.2	.0
Rubber and Miscellaneous Plastics Products	3.7	3.7	3.8	.0	-.1
Service-Producing Industries	221.8	223.7	220.0	-1.9	1.8
Transportation and Public Utilities	14.5	14.7	14.9	-.2	-.3
Transportation	9.8	9.9	10.1	-.2	-.4
Communications, Electric, Gas Services	4.8	4.8	4.7	.0	.0
Wholesale Trade	15.1	15.1	15.4	.1	-.2
Wholesale Trade-Durable Goods	9.8	9.8	9.9	.0	-.1
Wholesale Trade-Nondurable Goods	5.3	5.3	5.4	.0	-.1
Retail Trade	56.7	56.3	57.6	.4	-.8
General Merchandise Stores	8.2	8.2	8.5	.0	-.3
Finance, Insurance, and Real Estate	12.2	12.2	12.2	.0	.0
Finance	6.2	6.2	6.2	.0	.0
Insurance	3.8	3.8	3.8	.0	.0
Services	80.8	79.7	77.4	1.1	3.4
Business Services	13.2	12.8	12.9	.3	.3
Personnel Supply Services	5.1	4.9	4.9	.2	.2
Health Services	29.3	29.0	27.9	.2	1.3
Nursing and Personal Care Facilities	4.2	4.1	4.0	.1	.1
Hospitals	15.7	15.8	15.2	-.1	.5
Engineering and Management Services	6.4	6.3	6.0	.1	.4
Government	42.5	45.9	42.6	-3.4	-.1
Federal Government	2.4	2.4	2.9	.0	-.4
State Government	14.5	17.8	14.3	-3.3	.3
State Government Education[h]	10.2	13.5	9.8	-3.3	.4
Local Government	25.6	25.7	25.5	-.1	.0
Local Government Education	14.9	15.2	14.6	-.3	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

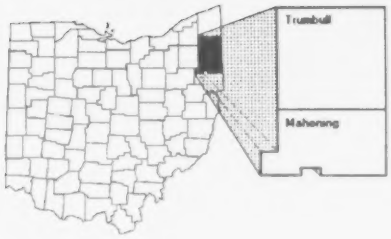
Not Seasonally Adjusted

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$589.11	$570.88	$585.90	42.2	42.1	43.4	$13.96	$13.56	$13.50
Durable Goods[f]	594.87	566.81	592.34	42.1	41.8	43.3	14.13	13.56	13.68
Stone, Clay, and Glass Products	517.93	523.98	559.95	40.4	41.0	44.3	12.82	12.78	12.64
Primary Metal Industries	548.57	548.11	560.48	45.6	45.6	47.7	12.03	12.02	11.75
Fabricated Metal Products	549.55	521.42	505.47	42.9	42.6	43.5	12.81	12.24	11.62
Metal Forgings and Stampings	764.62	695.56	703.95	44.3	41.7	43.4	17.26	16.68	16.22
Industrial Machinery and Equipment	502.44	470.05	520.37	41.8	39.7	43.4	12.02	11.84	11.99
Transportation Equipment	737.26	756.00	749.49	41.7	42.0	43.0	17.68	18.00	17.43
Nondurable Goods[g]	569.86	581.72	563.73	42.4	42.9	43.7	13.44	13.56	12.90
Food and Kindred Products	763.50	777.78	673.60	47.6	47.6	46.2	16.04	16.34	14.58
Rubber and Miscellaneous Plastics Products	345.98	350.55	393.27	40.8	41.0	42.7	8.48	8.55	9.21
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	663.71	664.84	657.90	42.6	42.7	42.2	15.58	15.57	15.59
Wholesale Trade	423.20	421.60	418.00	39.7	40.0	40.0	10.66	10.54	10.45
Retail Trade[i]	175.34	174.80	163.96	27.1	27.1	27.1	6.47	6.45	6.05
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	355.16	349.17	357.92	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

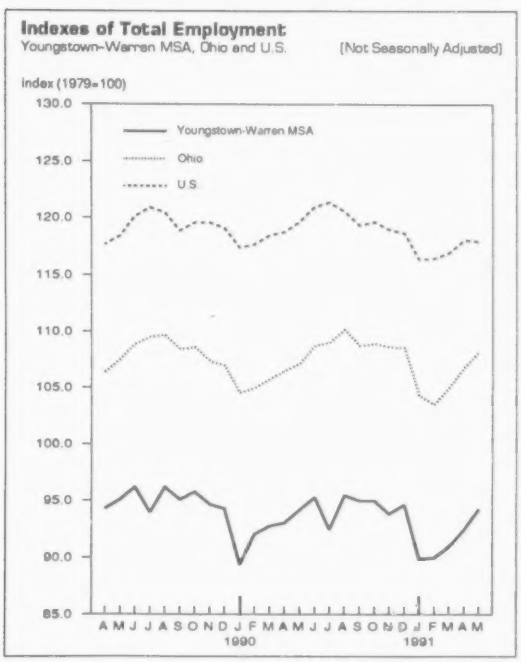
Youngstown-Warren Metropolitan Statistical Area

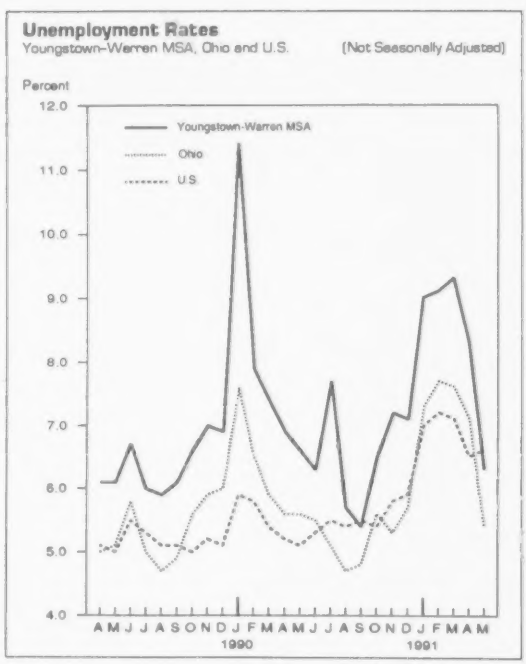


In the Youngstown-Warren metropolitan area, nonfarm payroll employment increased 900 above the May level to 200,300 in June 1991. More business in construction and improvements in manufacturing, particularly primary metal industries, raised employment in goods-producing industries 900 over the month to 56,900. The workforce in service-producing industries added 100 jobs. Gains in services and retail trade partially offset seasonal layoffs of nonteaching personnel in local schools. Manufacturing production workers averaged $15.58 per hour, up 34 cents from May. Their average workweek of 42.2 hours was 0.9 hours longer.

Nonagricultural wage and salary employment declined 1,700 between June 1990 and June 1991. The number of jobs in goods-producing industries dropped 2,900 due to scattered cutbacks among manufacturers of durable goods. Noteworthy reductions were posted in primary metal industries and transportation equipment. Expansion in services increased employment in the service-producing sector 1,200 over the year.

Seasonally adjusted employment in the Youngstown-Warren area totaled 197,000 in June 1991, unchanged from May. Since June 1990, nonfarm payroll employment fell 2,000. A decline in manufacturing overshadowed a modest gain in services.





Youngstown-Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	$409.77	39.9	$10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.4	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
221.3	204.9	16.4	7.4	1988	193.8	50.5	38.5	574.86	42.3	13.59
223.2	208.4	14.9	6.7	1989	197.5	50.0	37.9	599.63	42.8	14.01
221.8	205.9	15.9	7.2	1990	197.7	48.0	35.6	625.98	42.7	14.66
				1990						
223.7	209.6	14.1	6.3	June	202.0	50.5	38.1	636.08	43.3	14.69
220.2	203.3	16.9	7.7	July	193.4	43.9	31.4	604.56	42.1	14.36
222.8	210.0	12.8	5.7	August	198.1	48.7	36.2	605.48	41.7	14.52
220.9	209.0	11.9	5.4	September	200.8	49.4	37.1	682.12	44.7	15.26
223.3	208.8	14.5	6.5	October	201.0	48.9	36.7	664.02	43.4	15.30
222.4	206.4	16.1	7.2	November	198.4	47.0	34.5	659.89	43.3	15.24
224.3	208.3	16.0	7.1	December	200.4	48.2	35.7	641.21	41.8	15.34
				1991						
217.4	197.8	19.6	9.0	January	192.7	46.3	34.0	655.19	42.6	15.38
217.8	197.9	19.9	9.1	February	193.7	47.5	35.2	645.54	42.0	15.37
220.6	200.0	20.6	9.3	March	194.5	47.0	34.8	651.42	42.3	15.40
221.8	203.4	18.4	8.3	April	196.4	47.6	35.4	627.06	41.2	15.22
221.4	207.3	14.0	6.3	May	199.3	47.9	35.7	629.41	41.3	15.24
INA	INA	INA	INA	June	200.3	48.3	36.0	657.48	42.2	15.58

INA – Information not available

Youngstown-Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
203	78	7	71	1980	125	10	8	37	7	38	26
199	75	6	67	1981	124	9	8	36	7	39	25
181	59	5	53	1982	121	8	8	35	7	39	24
177	58	5	53	1983	119	8	8	34	7	39	24
182	61	6	55	1984	121	8	8	35	7	40	23
184	60	6	53	1985	124	8	9	37	7	41	23
187	59	7	52	1986	128	8	9	37	8	43	24
188	57	7	49	1987	131	8	10	39	8	44	24
194	58	7	51	1988	135	8	10	40	8	45	24
197	58	8	50	1989	139	8	11	42	9	46	24
198	57	8	48	1990	141	7	11	42	8	48	24
				1990							
199	58	8	50	June	141	7	11	42	8	48	24
195	54	8	45	July	141	7	11	42	8	48	24
199	58	8	49	August	141	7	11	42	8	48	24
198	57	8	48	September	141	7	11	42	8	48	24
198	57	8	48	October	142	7	11	42	8	48	25
197	55	8	47	November	141	7	11	42	8	48	24
199	57	8	48	December	142	7	11	42	8	48	24
				1991							
198	56	8	48	January	142	7	11	42	8	48	24
198	56	8	48	February	142	7	11	42	8	48	24
197	55	8	47	March	142	7	11	42	8	48	24
197	56	8	48	April	141	7	11	42	8	49	24
197	56	8	47	May	141	7	11	42	8	49	24
197	55	8	47	June	142	7	11	42	8	49	24

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	200.3	199.3	202.0	.9	-1.7
Goods-Producing Industries[e]	56.9	56.0	59.8	.9	-2.9
Construction	8.3	7.8	8.9	.5	-.7
Manufacturing	48.3	47.9	50.5	.4	-2.2
Durable Goods[f]	42.4	42.2	45.0	.2	-2.6
Primary Metal Industries	18.0	17.8	18.9	.2	-1.0
Blast Furnace and Basic Steel Products	6.3	6.4	6.5	-.1	-.2
Fabricated Metal Products	7.1	7.1	7.3	.1	-.1
Metal Forgings and Stampings	3.8	3.8	3.8	-.1	.0
Industrial Machinery and Equipment	3.9	4.0	4.3	-.1	-.4
Transportation Equipment	8.6	8.7	9.5	.0	-.8
Nondurable Goods[g]	5.9	5.7	5.5	.2	.4
Service-Producing Industries	143.4	143.3	142.2	.1	1.2
Transportation and Public Utilities	7.1	7.0	7.4	.1	-.2
Wholesale Trade	11.4	11.3	11.4	.1	.0
Wholesale Trade-Durable Goods	6.7	6.5	6.8	.1	-.1
Wholesale Trade-Nondurable Goods	4.8	4.8	4.6	.0	.1
Retail Trade	42.5	42.1	42.5	.4	.0
General Merchandise Stores	5.2	5.2	5.6	.0	-.4
Finance, Insurance, and Real Estate	8.4	8.3	8.5	.1	-.1
Finance	4.8	4.8	4.7	.0	.1
Services	49.6	49.1	48.4	.5	1.3
Health Services	21.8	21.6	21.5	.1	.3
Nursing and Personal Care Facilities	5.1	5.1	5.0	.0	.0
Hospitals	10.8	10.7	10.7	.1	.1
Government	24.3	25.5	24.1	-1.2	.2
State Government	4.7	4.6	4.7	.2	.1
State Government Education[h]	3.2	3.1	3.1	.1	.1
Local Government	17.5	18.9	17.1	-1.3	.4
Local Government Education	10.7	12.0	10.2	-1.4	.4

Hours and Earnings of Production or Nonsupervisory Workers[a]

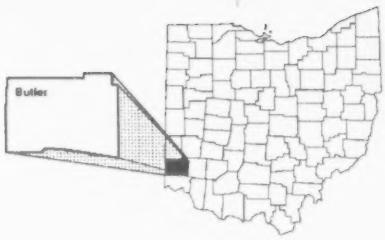
Not Seasonally Adjusted

Youngstown–Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$657.48	$629.41	$636.08	42.2	41.3	43.3	$15.58	$15.24	$14.69
Durable Goods[f]	678.07	645.19	654.24	42.3	41.2	43.5	16.03	15.66	15.04
Primary Metal Industries	668.71	628.85	712.75	40.8	39.6	43.7	16.39	15.88	16.31
Blast Furnace and Basic Steel Products	618.99	613.11	670.18	43.9	43.7	46.8	14.10	14.03	14.32
Fabricated Metal Products	733.50	648.61	652.77	45.0	41.9	45.3	16.30	15.48	14.41
Metal Forgings and Stampings	916.43	777.32	805.16	46.9	42.2	48.3	19.54	18.42	16.67
Industrial Machinery and Equipment	477.46	487.18	519.16	39.2	39.9	41.8	12.18	12.21	12.42
Transportation Equipment	813.09	813.57	710.92	44.7	44.8	44.6	18.19	18.16	15.94
Nondurable Goods[g]	470.50	474.55	439.01	41.2	41.7	40.8	11.42	11.38	10.76
Wholesale Trade	400.98	391.65	375.44	37.9	37.3	38.0	10.58	10.50	9.88
Retail Trade[i]	190.03	187.82	178.85	27.5	27.3	27.6	6.91	6.88	6.48
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	233.82	232.65	225.10	....	....	....	.....	.....	.....

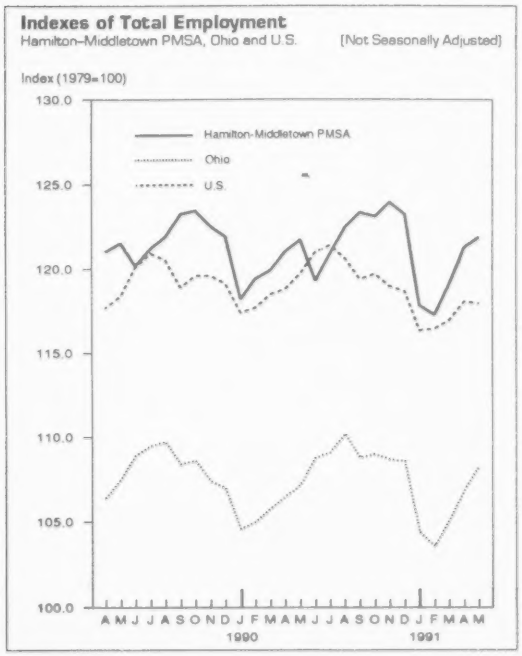
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

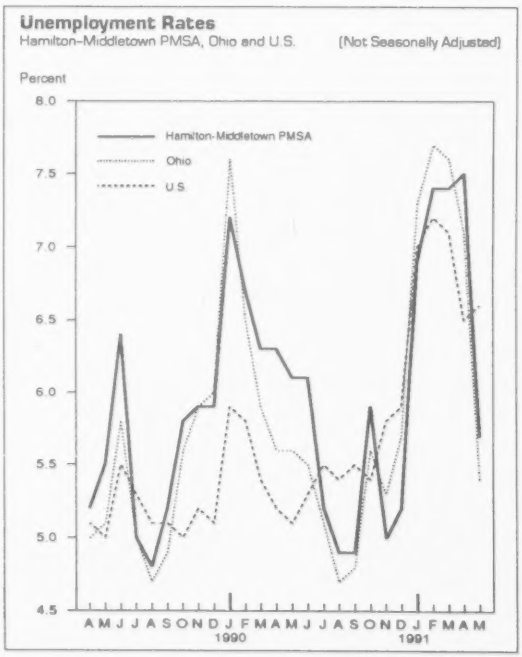
Hamilton-Middletown Primary Metropolitan Statistical Area



Nonagricultural payroll employment in the Hamilton-Middletown metropolitan area fell 3,600 from the May level to 94,400 in June 1991. Seasonal layoffs of nonteaching personnel in state schools and colleges lowered employment in service-producing industries 3,600. Employment in the goods-producing sector rose 100 over the month to 26,400. Growth in construction and mining offset scattered declines in manufacturing, especially primary metal industries. Factory production workers averaged $15.02 per hour, up 24 cents from May. Their average workweek was 1.7 hours longer at 47.3 hours.

Nonfarm wage and salary employment advanced 200 between June 1990 and June 1991. Expansion in local schools and in services raised employment in the service-producing sector 1,400. Goods-producing industries lost 1,200 jobs mainly due to cutbacks in manufacturing. Over-the-year reductions occurred in fabricated metal products and primary metal industries.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Civilian Labor Force	132.8	134.7	133.1	-1.9	-.3
Employment	125.2	124.6	125.0	.6	.2
Unemployment	7.6	10.1	8.1	-2.5	-.5
Unemployment Rate	5.7	7.5	6.1		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	94.4	98.0	94.2	-3.6	.2
Goods–Producing Industries	26.4	26.3	27.6	.1	-1.2
Construction and Mining	6.1	5.8	6.2	.2	-.1
Manufacturing	20.3	20.5	21.3	-.2	-1.0
Durable Goods	14.1	14.2	15.0	-.1	-.9
Primary Metal Industries	6.2	6.3	6.4	-.1	-.2
Fabricated Metal Products	2.3	2.3	2.6	.0	-.3
Industrial Machinery and Equipment	2.3	2.3	2.4	.0	-.1
Nondurable Goods	6.2	6.3	6.4	-.1	-.2
Paper and Allied Products	4.4	4.4	4.6	.0	-.1
Paper Mills	3.2	3.2	3.4	.0	-.2
Service–Producing Industries	68.0	71.6	66.6	-3.6	1.4
Transportation and Public Utilities	3.4	3.3	3.3	.1	.1
Wholesale Trade	6.0	5.9	5.9	.0	.0
Wholesale Trade–Durable Goods	4.0	4.0	4.0	.0	.1
Retail Trade	17.8	18.0	17.8	-.2	.0
Food Stores	3.4	3.5	3.4	.0	.0
Finance, Insurance, and Real Estate	4.5	4.5	4.6	.0	-.1
Services	20.6	20.2	20.2	.4	.4
Health Services	9.1	9.0	8.6	.0	.4
Government	15.9	19.8	14.7	-3.9	1.2
State Government (Includes Education)	4.0	7.9	3.7	-3.9	.2
Local Government	11.2	11.2	10.3	.0	1.0
Local Government Education	7.6	7.6	6.7	.0	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

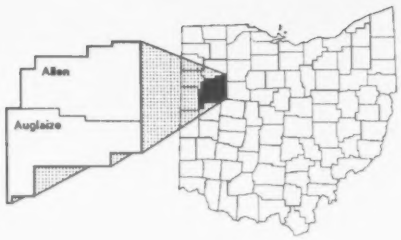
Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$710.45	$673.97	$653.33	47.3	45.6	46.5	$15.02	$14.78	$14.05
Durable Goods	748.55	709.46	686.83	48.2	46.4	47.4	15.53	15.29	14.49
Primary Metal Industries	890.76	834.96	816.08	52.0	49.7	50.5	17.13	16.80	16.16
Fabricated Metal Products	544.74	526.73	519.96	42.0	40.8	42.0	12.97	12.91	12.38
Industrial Machinery and Equipment	701.80	651.07	653.87	46.6	44.2	49.8	15.06	14.73	13.13
Nondurable Goods	612.00	584.71	571.03	45.0	43.7	44.3	13.60	13.38	12.89
Paper and Allied Products	641.68	617.89	593.43	46.6	45.4	45.3	13.77	13.61	13.10
Paper Mills	638.94	603.29	602.99	46.0	44.1	45.1	13.89	13.68	13.37
Wholesale Trade	451.54	461.20	443.92	40.9	41.4	41.8	11.04	11.14	10.62
Retail Trade[f]	185.17	181.61	178.23	28.4	27.6	28.7	6.52	6.58	6.21

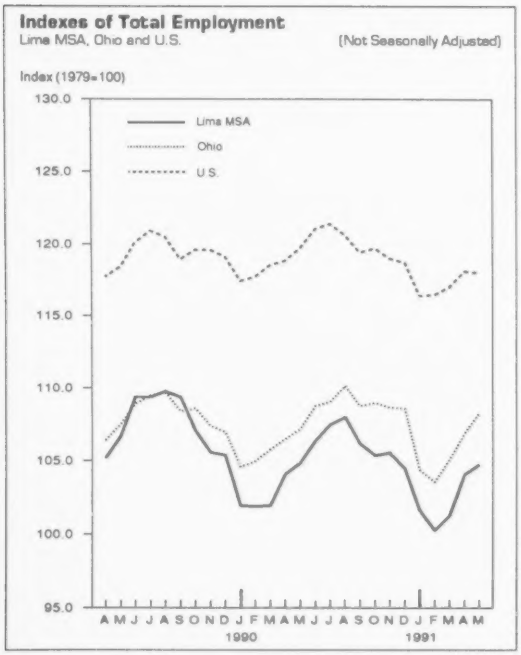
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

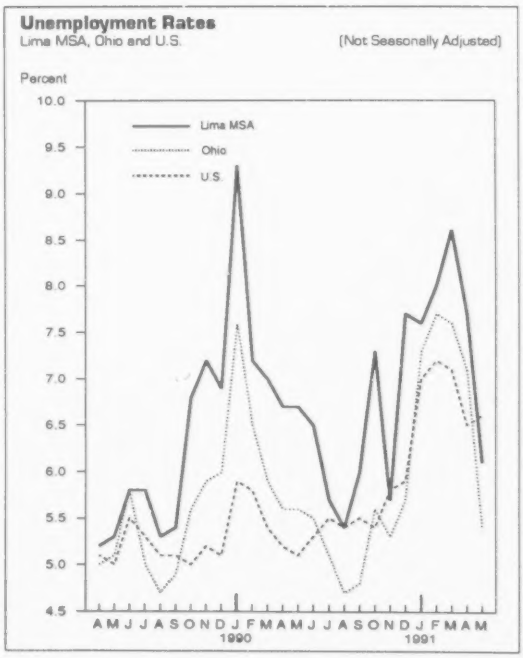
Lima Metropolitan Statistical Area



Nonfarm wage and salary employment in the Lima metropolitan area increased 700 above the May level to 73,900 in June 1991. Scattered gains raised employment in the service-producing sector 400. The workforce in goods-producing industries, at 25,400, added 300 jobs over the month due to modest improvements in manufacturing, especially industrial machinery and equipment and food and kindred products, and seasonal increases in construction and mining. Factory production workers averaged $13.95 per hour, up 16 cents from May. Their average workweek was 1.8 hours longer at 43.3 hours.

Nonagricultural payroll employment declined 100 between June 1990 and June 1991. Cutbacks among manufacturers of durable goods and declines in construction and mining outweighed gains in nondurable-goods manufacturing, lowering employment in goods-producing industries 1,100. Reductions in industrial machinery and equipment and transportation equipment overshadowed growth in food and kindred products. Expansion in services raised employment in service-producing industries 1,000 over the year.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Civilian Labor Force	77.0	77.9	77.6	-.8	-.6
Employment	72.4	71.9	72.5	.4	-.1
Unemployment	4.7	6.0	5.2	-1.3	-.5
Unemployment Rate	6.1	7.7	6.7		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	73.9	73.2	74.0	.7	-.1
Goods-Producing Industries	25.4	25.1	26.5	.3	-1.1
Construction and Mining	3.3	3.2	3.4	.1	-.2
Manufacturing	22.1	21.9	23.1	.2	-1.0
Durable Goods	15.3	15.2	16.5	.1	-1.2
Fabricated Metal Products	2.5	2.5	2.6	.0	.0
Industrial Machinery and Equipment	3.9	3.8	4.4	.1	-.5
Transportation Equipment	6.3	6.3	6.7	.0	-.4
Motor Vehicles and Equipment	3.4	3.4	3.6	.0	-.1
Nondurable Goods	6.8	6.7	6.6	.1	.2
Food and Kindred Products	2.1	2.0	1.7	.1	.3
Rubber and Miscellaneous Plastics Products	2.1	2.1	2.1	.0	-.1
Service-Producing Industries	48.5	48.1	47.5	.4	1.0
Transportation and Public Utilities	3.2	3.1	3.1	.1	.1
Wholesale Trade	3.4	3.3	3.4	.1	-.1
Retail Trade	13.8	13.7	13.8	.1	.0
General Merchandise Stores	2.1	2.1	2.1	.0	.0
Finance, Insurance, and Real Estate	2.1	2.1	2.1	.0	.0
Services	16.3	16.2	15.3	.1	1.0
Health Services	6.8	6.8	6.5	.0	.3
Hospitals	3.2	3.2	3.2	.0	.0
Government	9.8	9.8	9.8	.1	.0
Local Government	7.4	7.3	7.3	.1	.1
Local Government Education	4.1	4.2	4.1	-.2	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

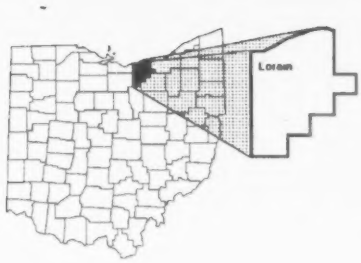
Not Seasonally Adjusted

Lima MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$604.04	$572.29	$558.67	43.3	41.5	42.1	$13.95	$13.79	$13.27
Durable Goods	602.83	568.97	554.34	43.4	41.5	41.9	13.89	13.71	13.23
Fabricated Metal Products	405.57	373.10	370.18	43.1	41.0	41.5	9.41	9.10	8.92
Industrial Machinery and Equipment	487.58	451.33	439.88	39.9	37.3	39.1	12.22	12.10	11.25
Transportation Equipment	780.88	744.48	711.94	45.4	44.0	43.2	17.20	16.92	16.48
Motor Vehicles and Equipment	892.94	828.06	848.18	47.7	45.2	47.2	18.72	18.32	17.97
Nondurable Goods	605.44	581.42	569.50	43.0	41.5	42.5	14.08	14.01	13.40
Food and Kindred Products	398.23	391.77	370.87	42.5	41.9	40.4	9.37	9.35	9.18
Rubber and Miscellaneous Plastics Products	694.71	633.94	633.86	46.5	43.6	46.2	14.94	14.54	13.72
Wholesale Trade	374.99	373.04	364.22	38.5	38.3	37.9	9.74	9.74	9.61
Retail Trade[j]	196.99	191.75	191.14	30.4	29.5	30.1	6.48	6.50	6.35
General Merchandise Stores	185.65	185.08	171.88	28.3	28.0	27.5	6.56	6.61	6.25

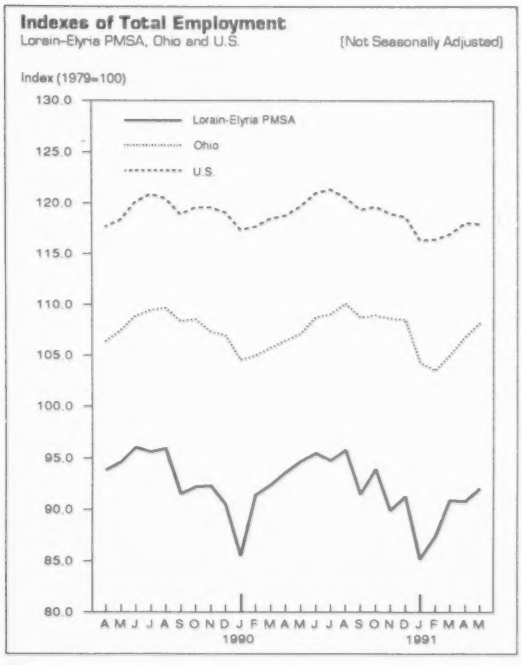
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

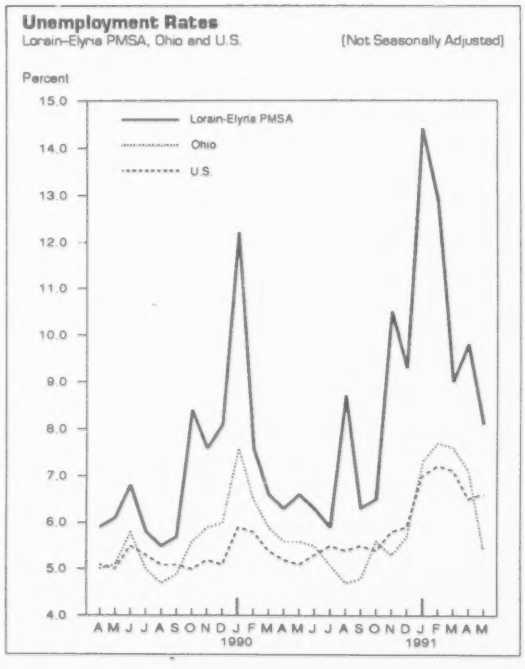
Lorain-Elyria Primary Metropolitan Statistical Area



Nonagricultural wage and salary employment in the Lorain-Elyria metropolitan area totaled 92,600 in June 1991, down 100 from May. Employment in goods-producing industries dropped 800 to 30,700 due to temporary layoffs in manufacturing, primarily transportation equipment. More business in retail trade and modest gains in local government helped raise employment in the service-producing sector 800. Manufacturing production workers averaged $13.60 per hour, up 8 cents from May. Their average workweek of 42.0 hours was 1.1 hours longer.

Nonfarm payroll employment fell 3,400 between June 1990 and June 1991. Significant reductions in durable-goods manufacturing, especially transportation equipment, lowered employment in goods-producing industries 3,100. Noteworthy losses were posted in fabricated metal products and primary metal industries. The workforce in service-producing industries declined 400 over the year. Decreases in government and in retail trade more than offset growth in transportation and public utilities.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Civilian Labor Force	119.5	120.0	121.0	-.5	-1.4
Employment	109.9	108.3	113.0	1.6	-3.1
Unemployment	9.6	11.8	8.0	-2.1	1.6
Unemployment Rate	8.1	9.8	6.6		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	92.6	92.7	96.1	-.1	-3.4
Goods–Producing Industries	30.7	31.5	33.8	-.8	-3.1
Construction and Mining	5.0	5.0	4.9	.0	.1
Manufacturing	25.7	26.6	28.9	-.9	-3.2
Durable Goods	21.1	22.0	24.3	-.8	-3.1
Primary Metal Industries	4.2	4.2	4.5	.0	-.3
Fabricated Metal Products	3.7	3.7	4.1	.0	-.4
Transportation Equipment	5.7	6.5	8.2	-.8	-2.4
Nondurable Goods	4.5	4.6	4.6	.0	-.1
Service–Producing Industries	61.9	61.2	62.3	.8	-.4
Transportation and Public Utilities	3.5	3.4	3.3	.1	.2
Wholesale Trade	2.6	2.5	2.6	.0	.0
Retail Trade	16.7	16.4	16.9	.3	-.2
Finance, Insurance, and Real Estate	2.9	2.9	3.0	.0	-.1
Services	21.8	21.8	21.7	.1	.1
Health Services	8.5	8.4	8.3	.0	.2
Hospitals	3.8	3.9	3.9	.0	-.1
Government	14.5	14.1	14.7	.3	-.3
Local Government	12.1	11.8	12.2	.2	-.1
Local Government Education	7.5	7.7	7.6	-.2	-.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

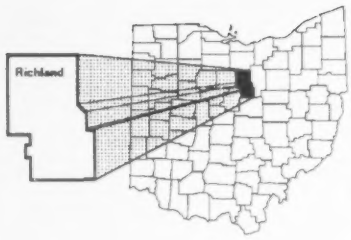
Not Seasonally Adjusted

Lorain–Elyria PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$571.20	$552.97	$578.23	42.0	40.9	42.8	$13.60	$13.52	$13.51
Durable Goods	604.35	579.92	611.51	42.5	41.1	43.4	14.22	14.11	14.09
Primary Metal Industries	598.23	594.31	637.06	41.4	41.3	44.8	14.45	14.39	14.22
Fabricated Metal Products	443.07	429.00	437.47	43.1	42.1	44.1	10.28	10.19	9.92
Transportation Equipment	773.08	724.71	764.62	42.5	40.6	44.3	18.19	17.85	17.26
Nondurable Goods	404.32	405.11	394.21	39.6	39.6	39.5	10.21	10.23	9.98
Wholesale Trade	376.20	381.92	361.37	38.0	38.5	38.2	9.90	9.92	9.46
Retail Trade[f]	180.34	174.11	165.54	27.2	26.5	26.7	6.63	6.57	6.20

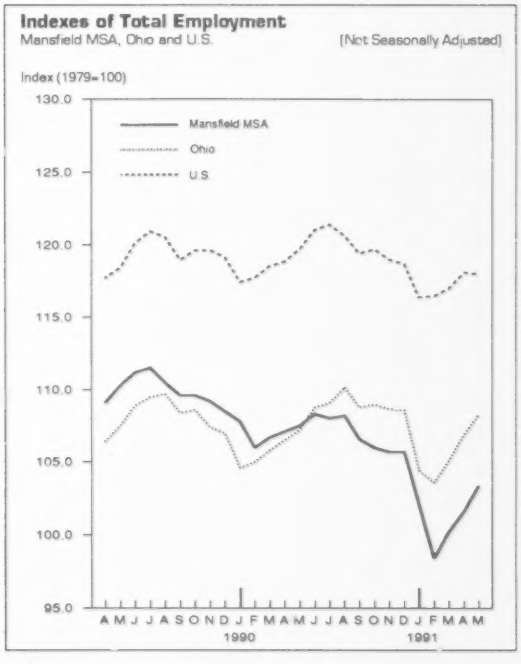
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[f]Depressed due to labor-management disputes.

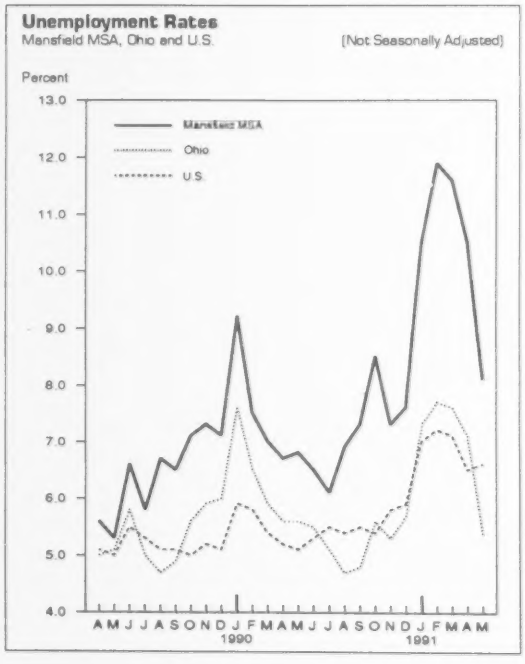
Mansfield Metropolitan Statistical Area



Nonagricultural payroll employment in the Mansfield metropolitan area totaled 58,600 in June 1991, up 600 from May. Modest gains in manufacturing and in construction and mining raised employment in goods-producing industries 300 to 19,400. The workforce in service-producing industries increased 300 over the month. Improvements in retail trade, finance, insurance, and real estate, and local government outweighed nominal decreases in services. Manufacturing production workers averaged $14.40 per hour, up 24 cents from May. Their average workweek was 1.4 hours longer at 41.8 hours.

Nonfarm wage and salary employment fell 2,300 between June 1990 and June 1991. Employment in the goods-producing sector dropped 1,600 over the year due to reductions in durable-goods manufacturing, especially electronic and other electric equipment and fabricated metal products. Declines in retail trade and wholesale trade lowered employment in service-producing industries 700 below the year-ago level.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Civilian Labor Force	63.4	63.9	64.9	-.5	-1.5
Employment	58.2	57.2	60.5	1.1	-2.3
Unemployment	5.1	6.7	4.4	-1.6	.7
Unemployment Rate	8.1	10.5	6.8		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	58.6	58.0	60.8	.6	-2.3
Goods-Producing Industries	19.4	19.1	20.9	.3	-1.6
Construction and Mining	2.2	2.1	2.2	.1	.0
Manufacturing	17.2	17.0	18.7	.2	-1.6
Durable Goods	15.1	15.0	16.7	.1	-1.6
Fabricated Metal Products	5.3	5.3	5.5	.0	-.2
Electronic and Other Electric Equipment	2.4	2.4	3.3	.0	-.9
Nondurable Goods	2.1	2.0	2.0	.0	.0
Service-Producing Industries	39.2	38.9	39.9	.3	-.7
Transportation and Public Utilities	2.9	2.9	3.1	.0	-.1
Wholesale Trade	2.2	2.2	2.4	.0	-.2
Retail Trade	11.0	10.8	11.4	.2	-.5
Finance, Insurance, and Real Estate	2.3	2.2	2.3	.1	-.1
Services	12.9	13.0	12.8	-.1	.1
Health Services	4.5	4.5	4.4	.0	.0
Government	7.9	7.8	7.8	.1	.1
Local Government	6.0	5.9	5.8	.1	.1
Local Government Education	4.1	4.1	3.9	-.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Mansfield MSA

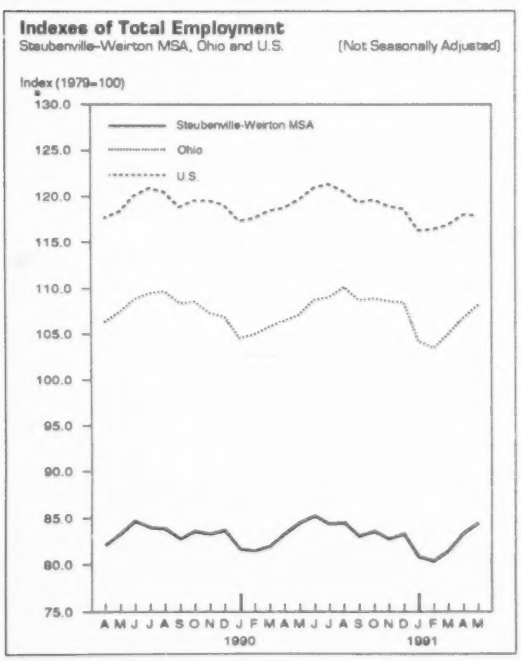
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$601.92	$572.06	$571.90	41.8	40.4	42.3	$14.40	$14.16	$13.52
Durable Goods	623.90	590.12	589.53	41.4	39.9	41.9	15.07	14.79	14.07
Fabricated Metal Products	818.35	766.22	727.95	42.6	40.8	42.2	19.21	18.78	17.25
Electronic and Other Electric Equipment	398.59	392.58	441.10	38.4	38.3	40.1	10.38	10.25	11.00
Nondurable Goods	419.00	422.96	419.07	45.2	44.9	45.8	9.27	9.42	9.15
Wholesale Trade	350.54	343.73	341.85	40.2	39.6	40.6	8.72	8.68	8.42
Retail Trade[i]	181.53	179.74	165.36	27.8	27.4	26.8	6.53	6.56	6.17

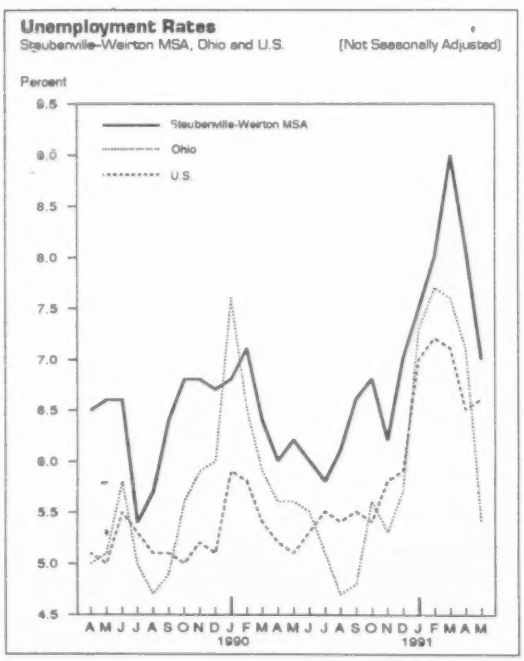
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Steubenville-Weirton Metropolitan Statistical Area

Nonfarm wage and salary employment in the Steubenville-Weirton metropolitan area totaled 53,700 in June 1991, up 300 from May. More business in services helped raise employment in service-producing industries 200. The goods-producing sector, at 20,800, added 100 jobs. Seasonal hirings in construction outweighed nominal reductions in durable-goods manufacturing. Factory production workers averaged $12.26 per hour, up 7 cents from May. Their average workweek was 0.6 hours longer at 42.2 hours.

Nonagricultural payroll employment advanced 400 between June 1990 and June 1991. Employment in service-producing industries rose 600 over the year due to gains in services, especially health services, and in local government. Employment in goods-producing industries declined 100 over the year. Cutbacks in manufacturing, particularly primary metal industries, more than offset modest growth in construction.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Civilian Labor Force	57.5	57.5	57.1	.0	.4
Employment	53.5	52.8	53.5	.7	-.1
Unemployment	4.0	4.6	3.6	-.6	.4
Unemployment Rate	7.0	8.1	6.2		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Total	53.7	53.4	53.2	.3	.4
Goods–Producing Industries	20.8	20.7	21.0	.1	-.1
Mining	.8	.8	.8	.0	.0
Construction	2.7	2.6	2.2	.2	.5
Manufacturing	17.3	17.3	17.9	.0	-.7
Durable Goods	15.6	15.7	16.2	-.1	-.6
Primary Metal Industries	12.4	12.4	12.9	.0	-.5
Nondurable Goods	1.7	1.6	1.7	.0	.0
Service–Producing Industries	32.8	32.7	32.3	.2	.6
Transportation and Public Utilities	3.0	3.0	3.2	.0	-.1
Wholesale Trade	1.2	1.2	1.3	.0	-.1
Retail Trade	9.1	9.0	9.0	.0	.0
General Merchandise Stores	1.3	1.3	1.4	.0	-.1
Finance, Insurance, and Real Estate	1.7	1.7	1.7	.0	.0
Services	11.4	11.3	10.9	.1	.4
Health Services	5.1	5.1	4.9	.0	.2
Hospitals	2.5	2.5	2.5	.0	.0
Government	6.5	6.5	6.2	.0	.3
Local Government	5.6	5.6	5.2	.0	.4
Local Government Education	3.5	3.6	3.2	-.1	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]
Manufacturing	$517.37	$507.10	$509.68	42.2	41.6	43.6	$12.26	$12.19	$11.69
Durable Goods	535.52	527.10	536.98	42.3	41.9	44.6	12.66	12.58	12.04
Primary Metal Industries	569.19	569.19	573.29	42.7	42.7	45.9	13.33	13.33	12.49
Nondurable Goods	328.82	303.38	206.01	41.0	38.5	32.7	8.02	7.88	6.30
Wholesale Trade	318	321.53	336.31	38.6	39.5	39.8	8.26	8.14	8.45
Retail Trade[f]	17	173.17	163.41	27.8	27.4	27.1	6.26	6.32	6.03

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	41	.3
Goods–Producing Industries	47	.4
Mining	55	2.0
Construction	16	1.7
Manufacturing	53	.3
Service–Producing Industries	38	.2
Transportation and Public Utilities	41	.3
Wholesale Trade	19	.4
Retail Trade	24	.5
Finance, Insurance, and Real Estate	41	.4
Services	29	.3
Government	76	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	June 1991	May 1991	June 1990
New Applicants	32,663	33,115	32,579
Applicants Active This Program Year	585,529	556,554	663,424
Counseling Interviews	983	1,143	720
Tests Administered	983	970	1,666
General Aptitude Tests	672	673	247
Proficiency Tests	177	199	264
Specific Aptitude Tests	0	0	185
Referrals to Jobs	23,073	29,313	23,230
Placements	6,589	4,824	6,414
Job Openings Received	INA	INA	11,580
Job Openings Unfilled	32,090	28,190	19,766

INA – Information not available

Selected Unemployment Insurance Activities

	Ohio		
	June 1991	May 1991	June 1990
Initial Claims	49,716	65,623	38,085
Continued Claims	452,196	582,972	310,847
First Payments	21,750	26,544	17,406
Last Payments	10,430	10,700	6,553
Average Weekly Claimants	113,903	129,194	76,198
Average Weekly Benefit Recipients	102,180	118,172	67,701
Weeks Compensated	417,125	551,464	291,559
Benefits Paid	$71,211,985	$96,012,587	$47,559,690
Average Weekly Payment	$174.88	$178.01	$166.79
Continued Claims for Survey Week	113,413	120,199	75,642
Insured Unemployment Rate	2.4	2.8	1.7
Net Contributions	$4,927,127	$287,882,058	$6,110,441
Active Employer Accounts	209,094	207,841	207,048